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
X-RAY FIXTURES for INDIRECT LIGHTING



NATIONAL X-RAY REFLECTOR
NEW YORK - CHICAGO - SAN FRANCISCO

CATALOG F





CEILING COLOR PAGE

The light cream color of this page is the best color to use on the ceiling of rooms lighted with X-Ray indirect lighting. This color insures highly efficient results; it is a pleasing tone by day as well as by night.

The walls may be finished in any medium tone as desired. Be sure that ceiling is in a matte finish.

NATIONAL X-RAY
REFLECTOR COMPANY
CHICAGO, ILLINOIS

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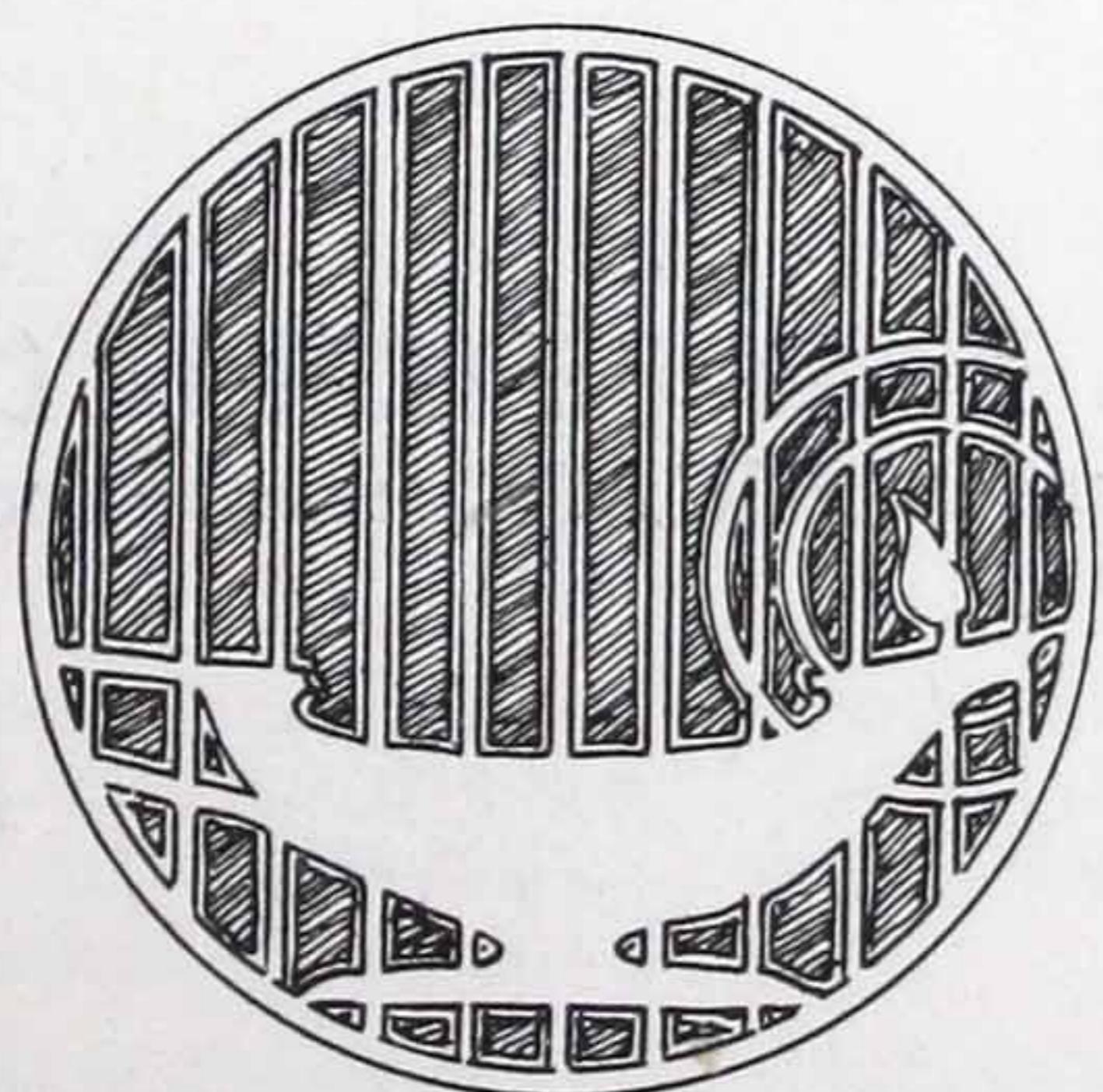
CCA

X-RAY LIGHTING SYSTEM

CATALOG F

Divided Into Six Sections

LUMINOUS FIXTURES
METAL FIXTURES
COMPONE FIXTURES
CURTIS LAMPS
PEDESTAL LIGHTING
BANK DESK LIGHTING



NATIONAL X-RAY REFLECTOR CO.



Trade Mark registered
U. S. Patent Office

PATENTS

The products shown in this catalog are covered by U. S. Letters Patent shown below. Infringers will be prosecuted. Other patents pending. Foreign Patents granted and pending.

June 4, 1912	Mar. 18, 1913	Mar. 23, 1915	Jan. 16, 1917
June 4, 1912	April 15, 1913	Oct. 26, 1915	Feb. 6, 1917
June 4, 1912	April 22, 1913	Dec. 21, 1915	Aug. 21, 1917
June 4, 1912	Jan. 20, 1914	Dec. 21, 1915	Feb. 25, 1919
June 4, 1912	June 23, 1914	Feb. 29, 1916	Feb. 25, 1919
Aug. 6, 1912	Dec. 15, 1914	July 11, 1916	April 29, 1919
Aug. 6, 1912	Mar. 2, 1915	Sept. 5, 1916	

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NATIONAL X-RAY REFLECTOR COMPANY
NEW YORK CHICAGO SAN FRANCISCO

Before Ordering—Read This

Lighting requirements are radically different for various classes of work and conditions. We can guarantee results only when fixtures are ordered and installed according to instructions given by our engineering department. The services of this department are at your disposal for the asking, without expense to you. Do not simply send in orders for certain fixtures without other information as to the installation and trust to luck for success. Please be sure you are right before going ahead, as it will be more satisfactory to you and to us.

1. Always give size and height of room and color of ceiling and side walls for each interior in question.

2. Give catalog number of fixture.

3. State finish desired (see page 28), otherwise metal fixtures will be furnished in standard finish specified under each fixture.

The finish on composite fixtures must always be specified. (See page 44.)

4. Fixtures are always furnished with keyless sockets unless otherwise specified. Pull or key sockets can in many cases be furnished when desired at slight extra cost.

5. Insulating joints for $\frac{3}{8}$ -inch gas pipe are always supplied unless otherwise specified.

6. Dimensions given on catalog pages are extreme outside measurements.

7. Prices include fixtures complete (except lamps) in standard finishes.

Prices

The prices listed in this catalog are F. O. B. Chicago and supersede all previous quotations, subject to change without notice.

Claims

All goods are inspected and packed by experienced packers and no claim for breakage in transit will be allowed. Goods are delivered to the transportation company in good condition. Any claim for breakage must be made to the transportation company.

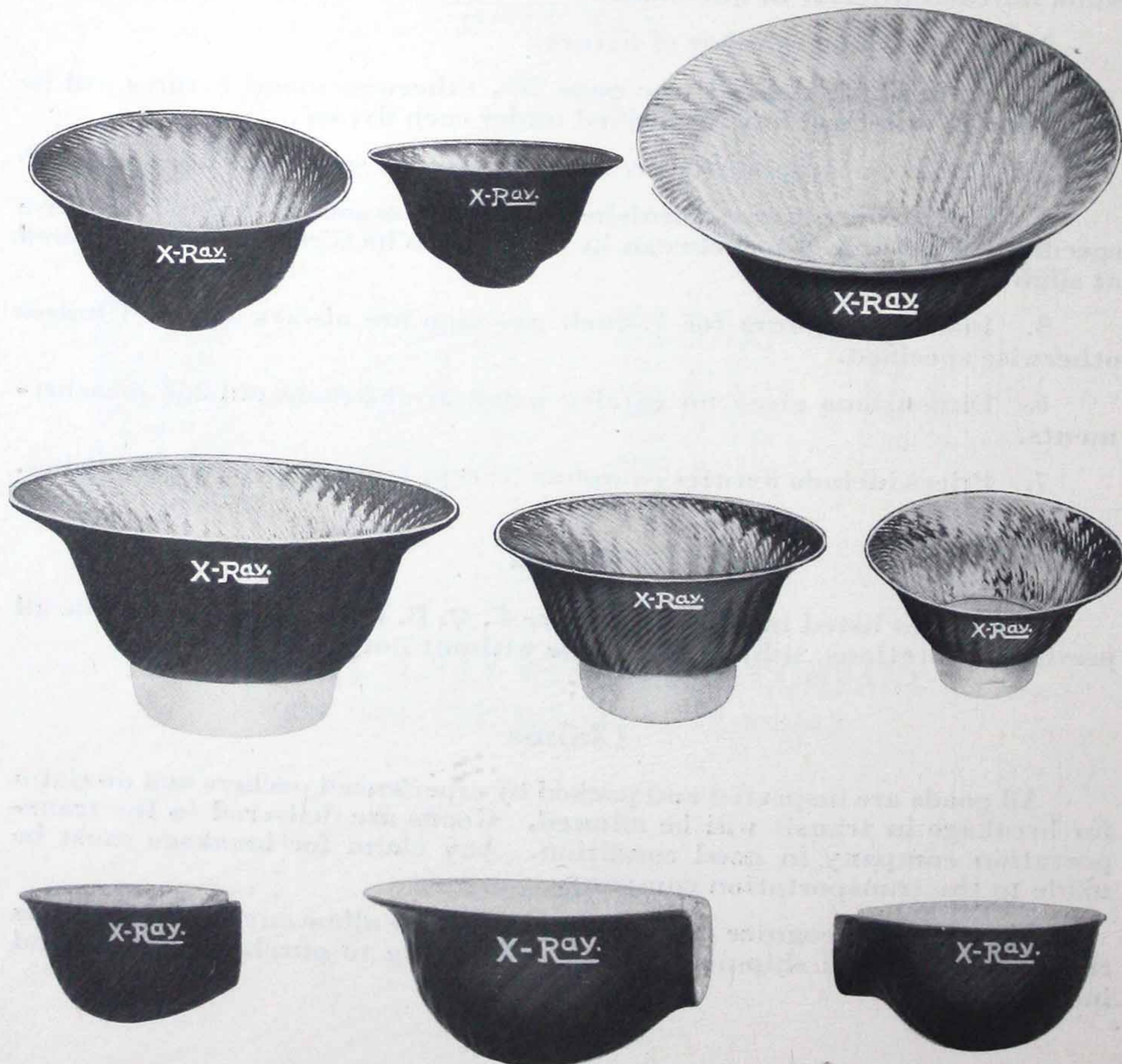
We will not recognize any charge nor will we allow any credit for goods returned if original shipment is made according to purchaser's order and instructions.

X-Ray Reflectors for Mazda "C" Lamps

The New "E. C. Series" for indirect lighting

THE new Mazda "C" gas-filled lamps (nitrogen lamps) have made possible more and better lighting for less cost. They have put X-Ray Lighting within reach of everyone. However, the introduction of these lamps presents new problems to be solved by the lighting engineer and designer. Their increased efficiency is accompanied by

much higher temperatures; the intrinsic brilliancy of the lamps is many times that of the old style lamps; and the construction and method of mounting the lamp filament is such that we have almost a point source of light. All of these things combined required the design and development of new reflectors.



The new E. C. series of Eye Comfort reflectors is designed especially for these lamps. The contours of the reflectors are such as to broadly distribute the light over the ceiling in a uniform and agreeable manner, and at the same time secure greatest efficiency of light utilization.

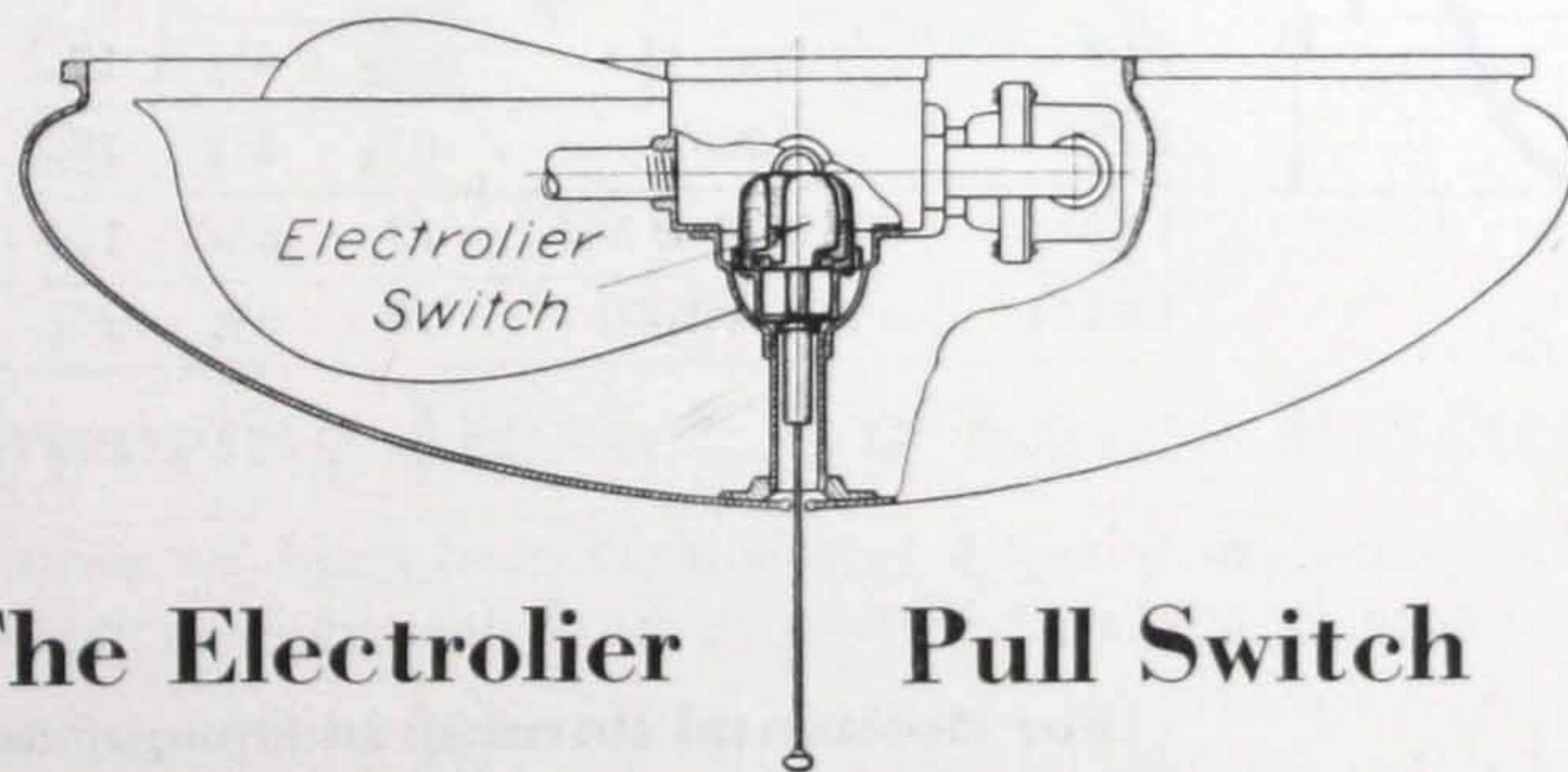
They are made more broadly distributing than any indirect lighting reflectors we have produced before. This is very desirable because the increased efficiency of gas-filled lamps makes possible lighting larger areas than formerly by means of single unit fixtures.

They are made with a high temperature backing which successfully resists the temperatures developed by the lamps. The dual system of coarse radial and fine spiral corrugations, breaks up and disperses the light to entirely eliminate streaks and striations on the ceiling. Were these reflectors constructed without the specially designed cor-

rugations, the illumination on the ceiling would present a very spotted and streaked appearance.

The luminous bowl type of reflectors is equipped with opal glass diffusers designed to transmit and redistribute a small percentage (about 7.5%) of the light which is utilized in moderately lighting the outer glass bowl.

The small size Mazda "C" gas-filled lamps (75, 100 and 150 watts) may be burned in any position, and often it is desirable to use them in the horizontal position, particularly for residence lighting fixtures. For this use the X-RAY E-60, and EC-71 reflectors are especially designed. These reflectors are built as small in size as is consistent with good design and therefore may be accommodated in very small and shallow bowls. They are intended to be used chiefly with multiple unit fixtures, and as they are used mostly for low ceiling heights, are designed broadly distributing.



The Electrolier Pull Switch

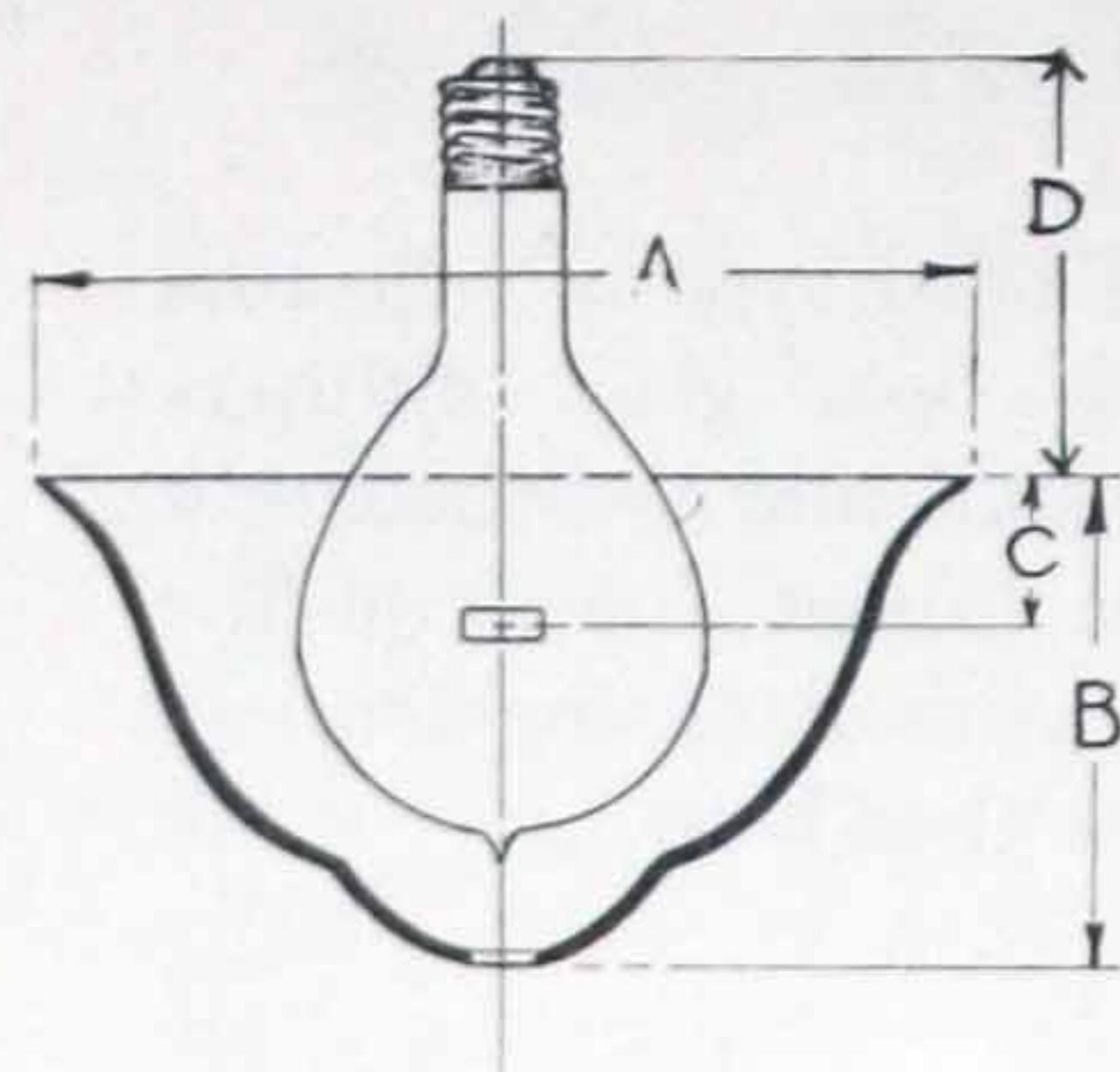
It is designed for indirect lighting fixtures where there is no wall switch in the room or where it is desired to turn on the lamps in the bowl, one at a time. This renders it especially valuable in connection with residence lighting. The switch is inside of the bowl and is operated

by pulling the cord hanging from the underside of the bowl, as illustrated.

Only fixtures containing two or more lamps can be equipped with this type of switch. An additional charge will be made when fixtures are so equipped.

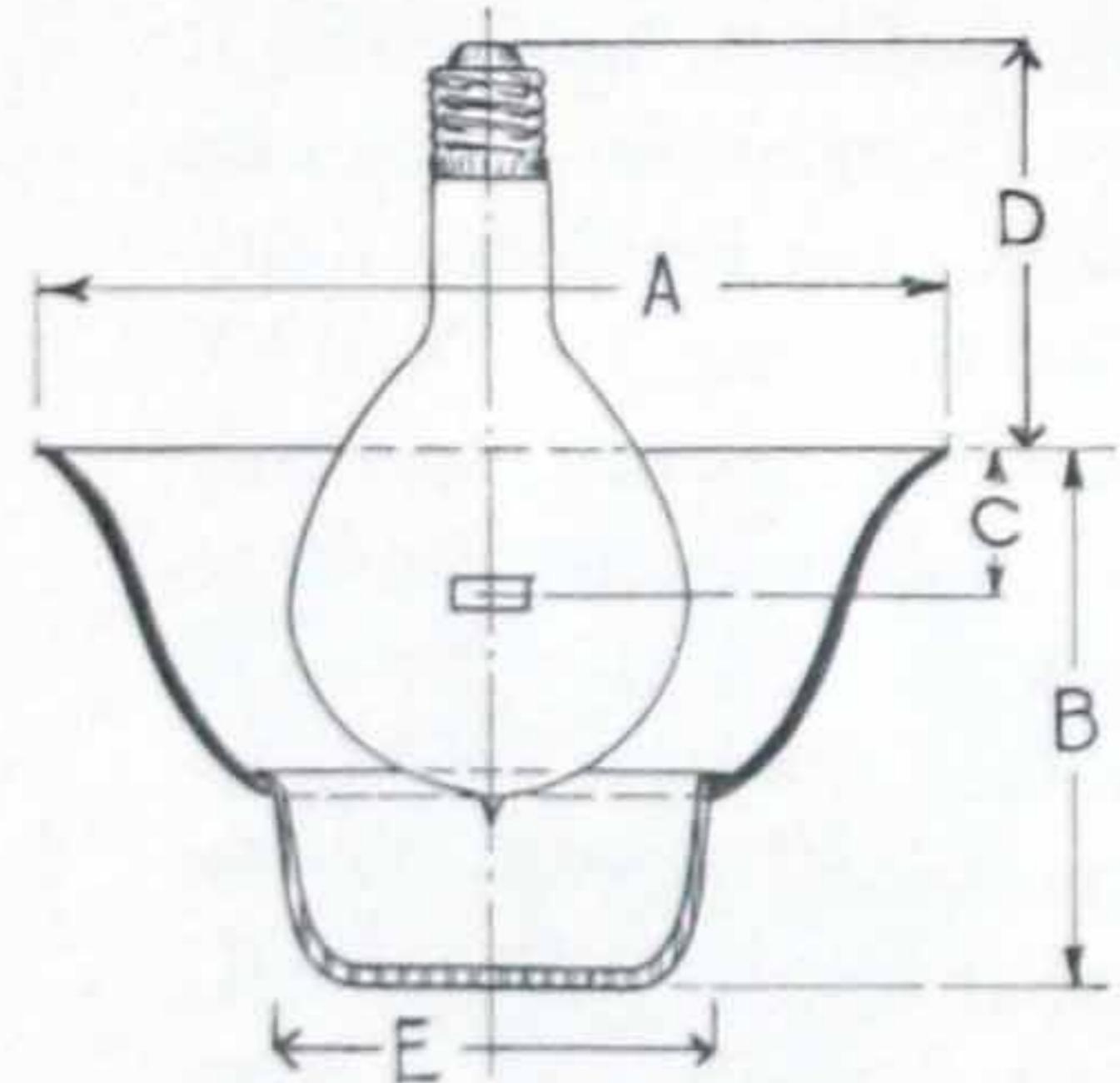
Price.....\$5.00

Correct Relation of Lamps to Reflectors



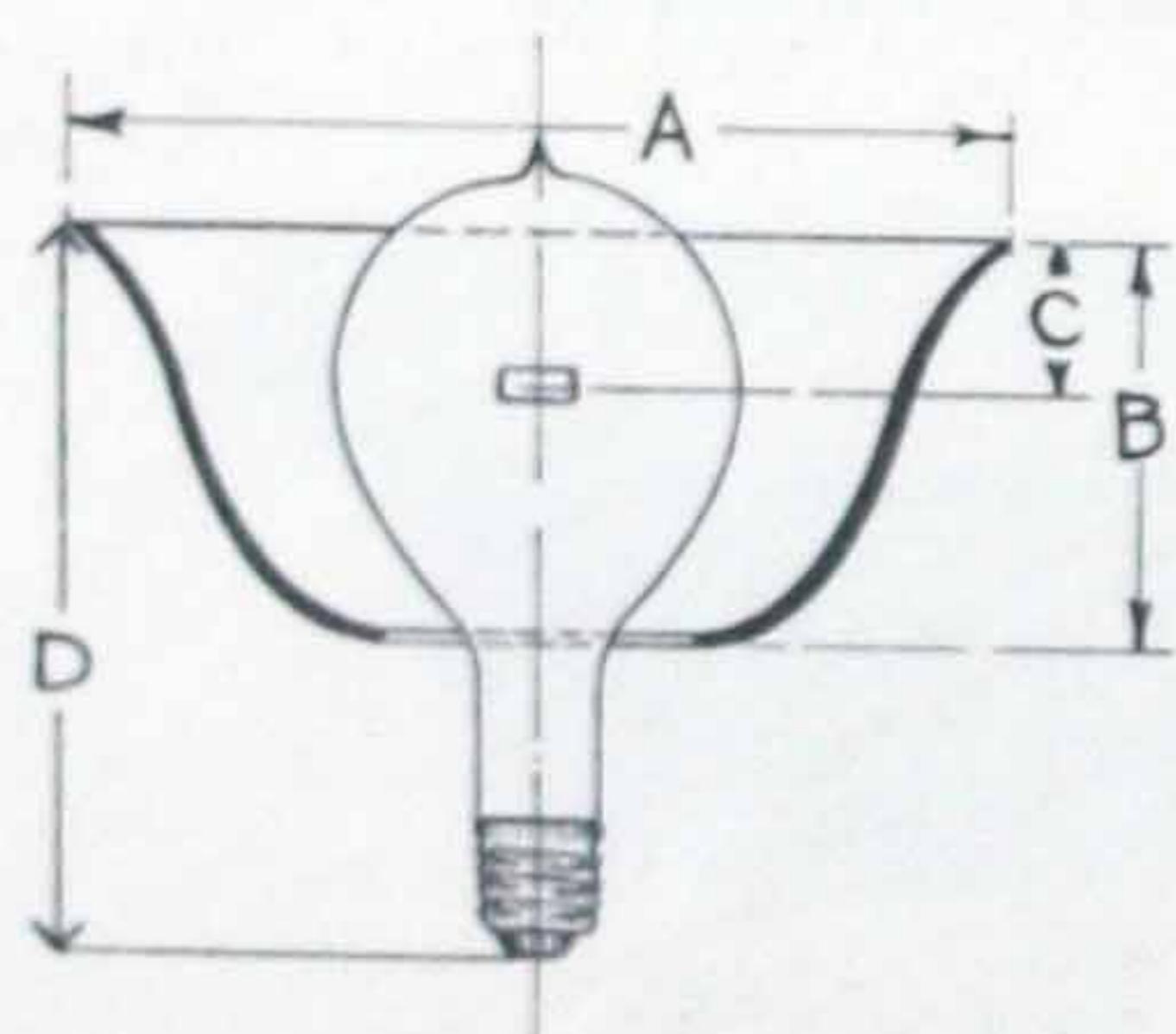
For Tip-Down Use in Opaque Bowls

Reflector No.	Type C Lamp Watts	DISTANCE IN INCHES					Cat. Letter Denoting Reflector
		A	B	C	D	E	
EC12	100 or 150	9 1/2	4 15/16	1 13/16	3 3/8	...	V
EC12	200	9 1/2	4 15/16	1 13/16	4 3/16	...	W
EC345	300, 400 or 500	12	6 1/8	1 7/8	5 1/8	...	M
EC751	750 or 1000	16	7 1/8	2 3/8	7 1/8	...	E



For Tip-Down Use in Luminous Bowls

EC14	100 or 150	9 1/2	5 3/4	1 13/16	3 3/8	4	V
EC14	200	9 1/2	5 3/4	1 13/16	4 3/16	4	W
EC346	300, 400 or 500	12	6 7/8	1 7/8	5 1/8	6	M
EC758	750 or 1000	16	8 3/4	2 3/8	7 1/8	8	E



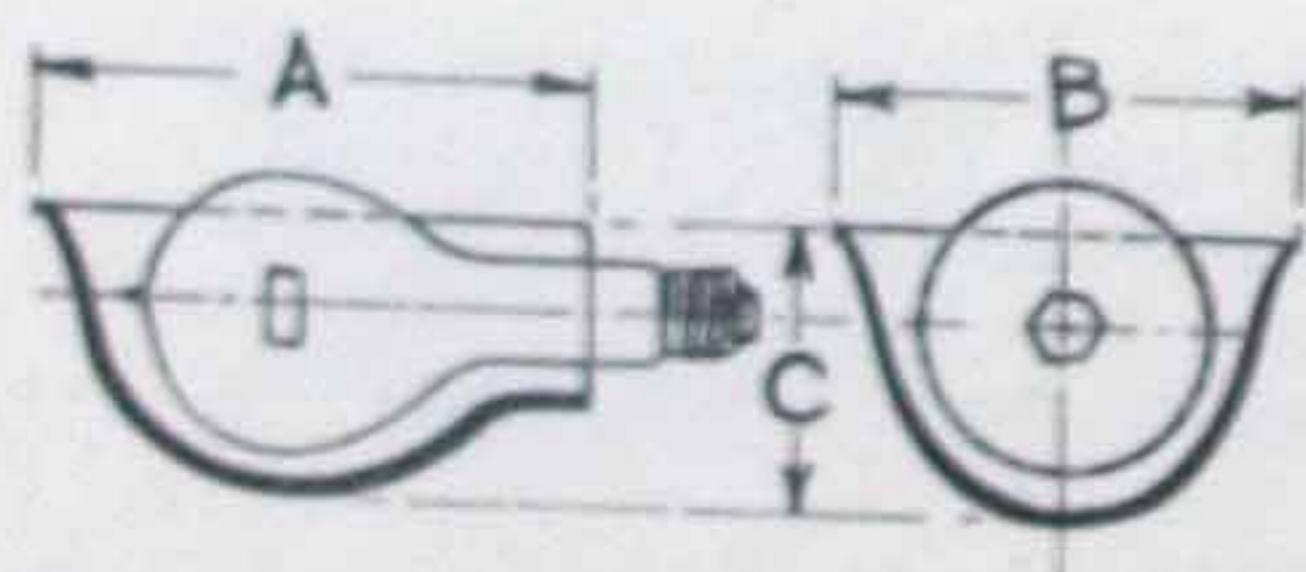
For Tip-Up Use in Opaque Bowls

EC15	100 or 150	9 1/2	4 1/16	1 13/16	7	...	J
EC15	200	9 1/2	4 1/16	1 13/16	7 13/16	...	K
EC344	300, 400 or 500	12	5 1/16	1 7/8	8 7/8	...	L
EC754	750 or 1000	16	6 13/16	2 3/8	11 7/8	...	U

For Horizontal Burning in Opaque and Luminous Bowls

E60	75	5 1/16	5	3	A
EC71	100 or 150	6 1/8	5	3 1/8	D
E155	200	7 7/8	7 7/8	3 7/8	F

Note—The Letter used with Catalog No. denotes Type of Reflector used in Fixture.



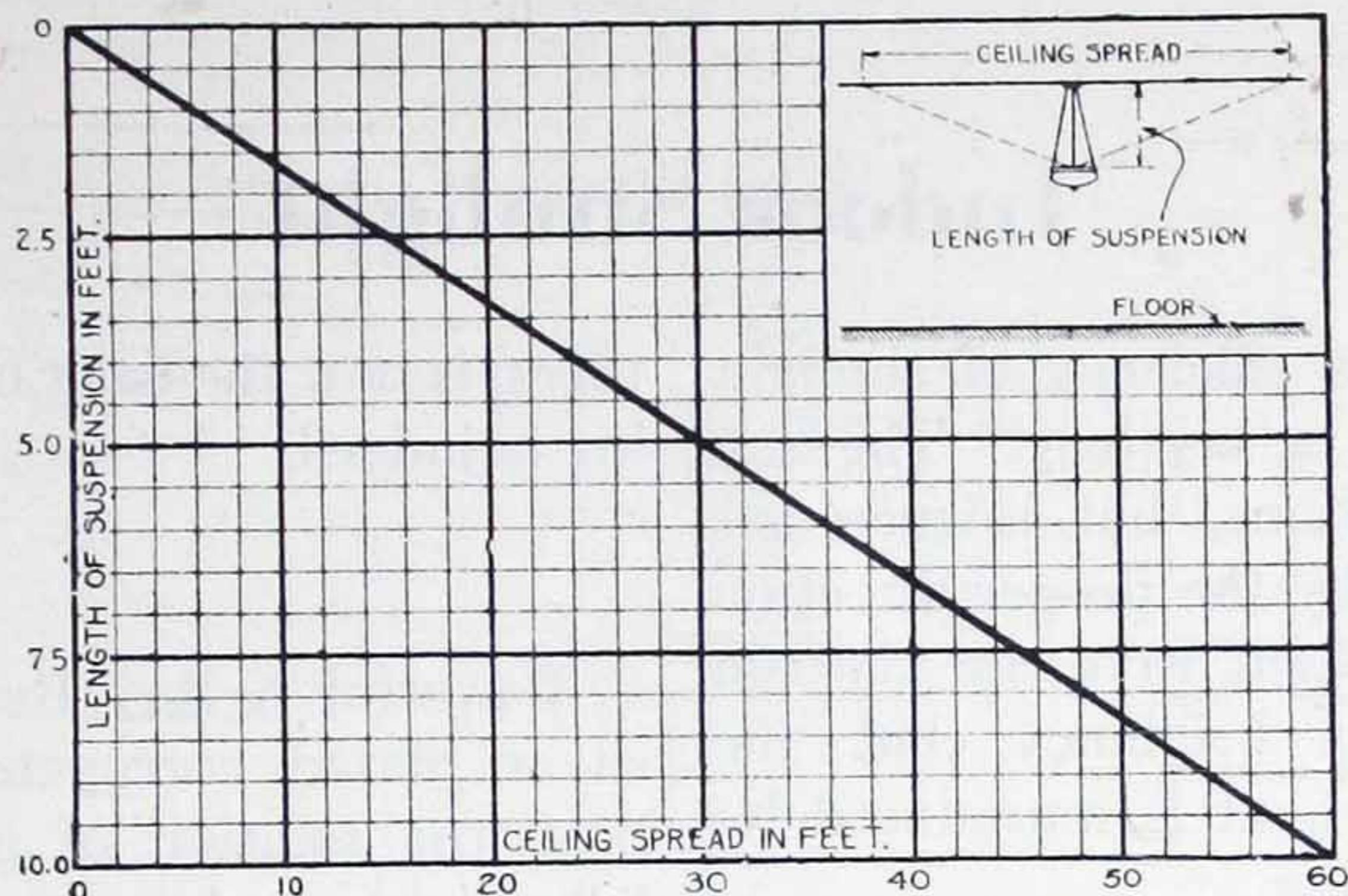


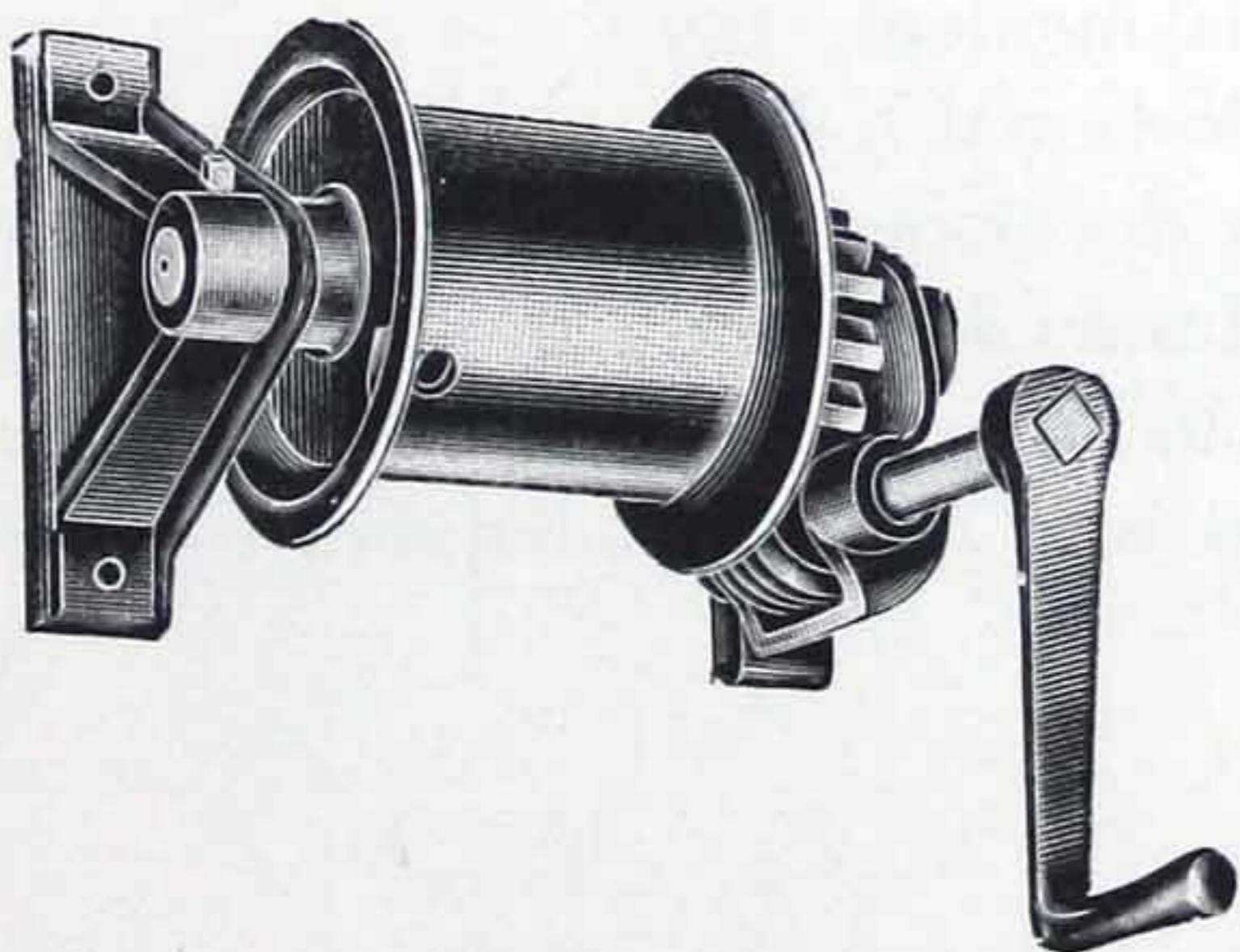
Chart to determine distance from top of fixture bowl to ceiling

Extra Lengthening

For the larger fixtures illustrated in this catalog we are prepared to furnish at the stated prices chain up to the lengths specified as follows:

For longer suspensions an extra charge will be made. Prices furnished upon application.

Diameter of Bowl	Distance from top of Bowl to Ceiling
30 to 36 inches	60 inches
36 to 44 inches	72 inches



Lowering Device for Large Fixtures

When fixtures are hung from high ceilings where access with a ladder for cleaning is impractical, arrangements must be made for lowering the fixtures.

The following equipment is recommended:

Catalog No.	Description	Price Each
10195	Worm Gear Winch, lifts 500 lbs.....	\$15.00 Net
10196	Worm Gear Winch, lifts 750 lbs.....	19.50 Net
10167	Special Hook for Canopy.....	.80 Net
	3/8-inch Wire Cable.....	11c per foot Net

The Luminous Bowl Principle

Luminous Bowl X-Ray Fixtures are truly indirect and are not to be confused with the so-called "semi-indirect." Just as in the opaque indirect fixtures of metal and compone each lamp

With this method the bowl is not glary, nor harsh, nor obtrusive no matter how bright the lamp may be. Its faint glow casts no objectionable shadows. It does not ruin the beautiful indirect

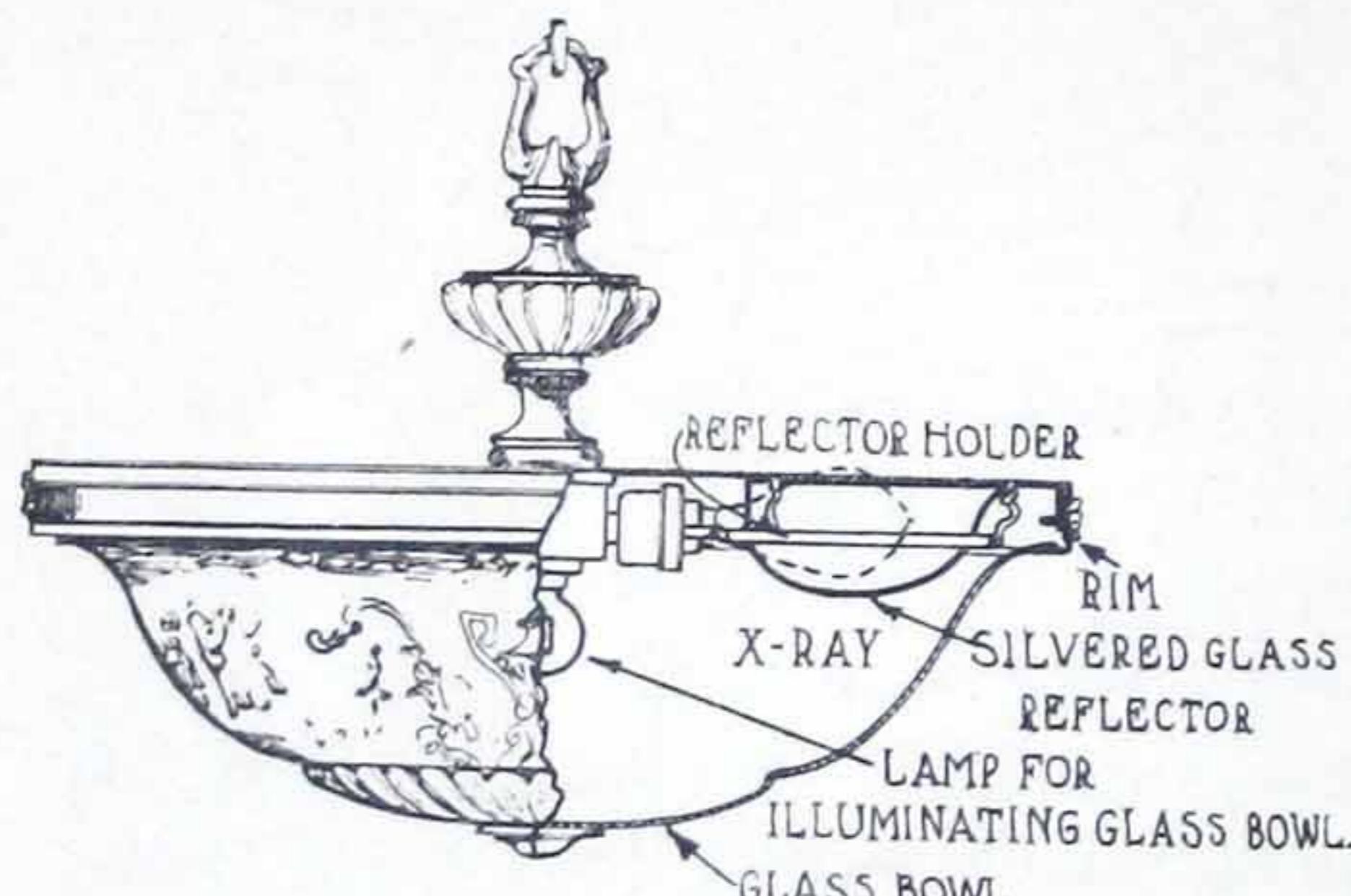


Fig. 1

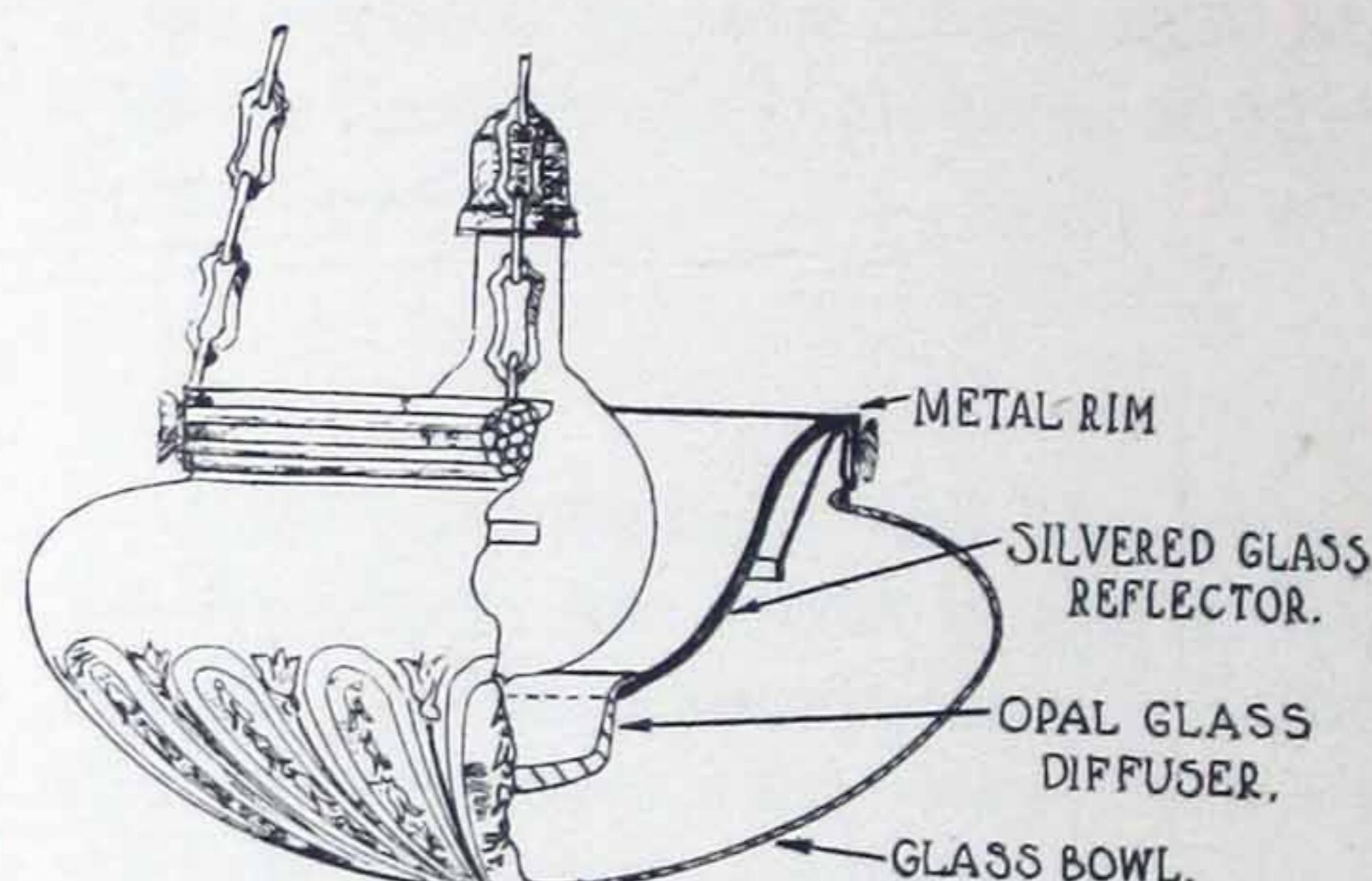


Fig. 2

is equipped with an opaque X-Ray Reflector for the purpose of directing all the light rays against the ceiling at the correct angle, thus insuring *perfect* indirect illumination. When several lamps and reflectors are used in the bowl provision is made for a small lamp the only function of which is to illuminate very softly the glass bowl or panels in the fixture. When but one lamp and reflector are used a piece of translucent white glass is set into a hole in the bottom of the reflector as in Fig. 2 permitting a small percent of the light to pass through and evenly light the bowl without any spots of light and shade.

illumination which is so essentially an illumination from concealed sources. In short, luminous bowl X-Ray fixtures possess artistically lighted bowls and do not sacrifice the indirect effect originally sought.





No. 4222 Design—Brass

Diameter 16½ inches Depth 10 inches
16-inch Molded White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	of Type	Size in	Price
No. "C"	Lamps	Watts	Each
4222A	2	75	\$55.00
4223A	3	75	59.25
4222D	2	100 or 150	56.00

No. 3863 Design—Compone

Diameter 22 inches Depth 22 inches
Cathedral White Glass Panels in Sides and
Bottom

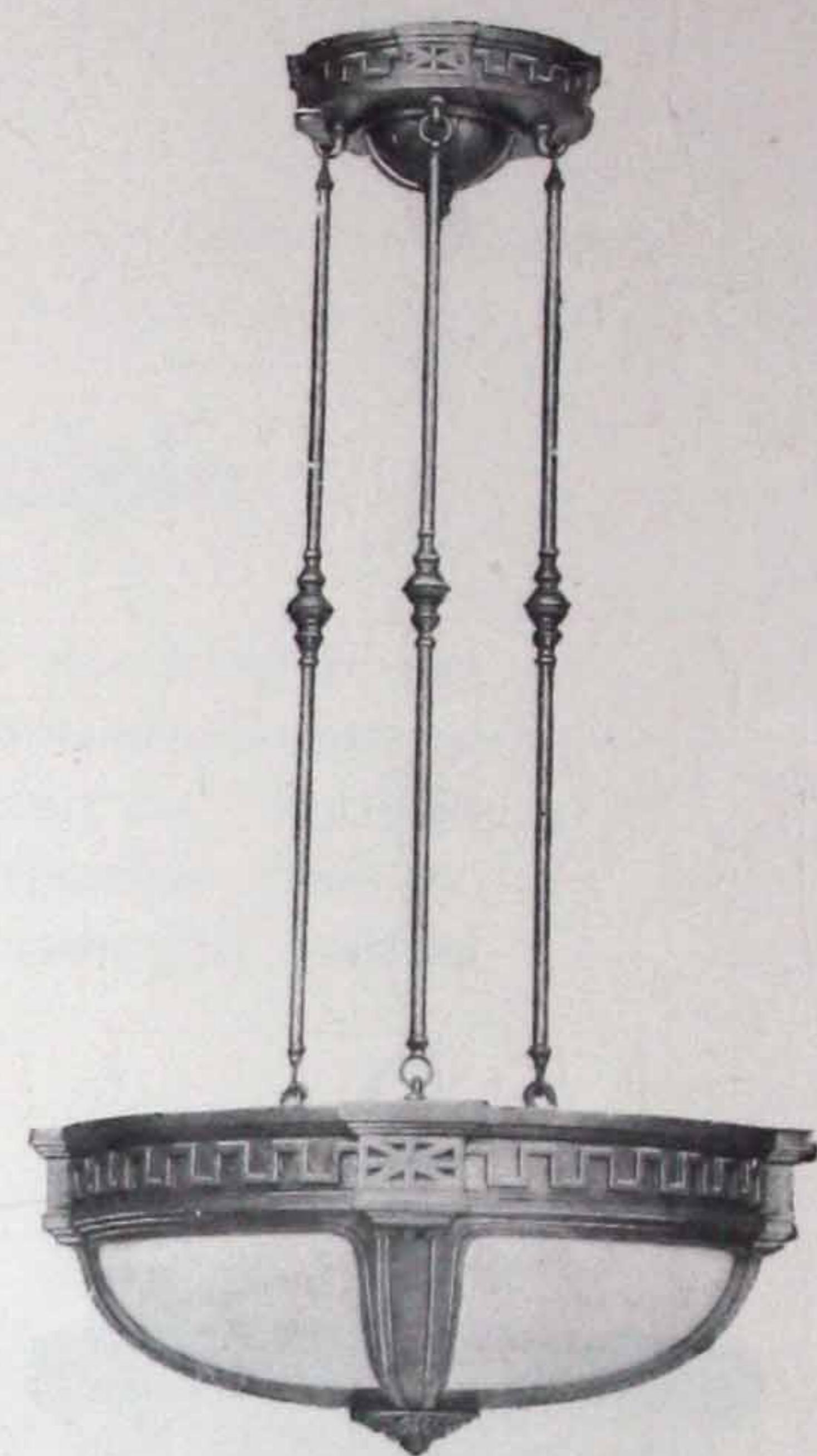
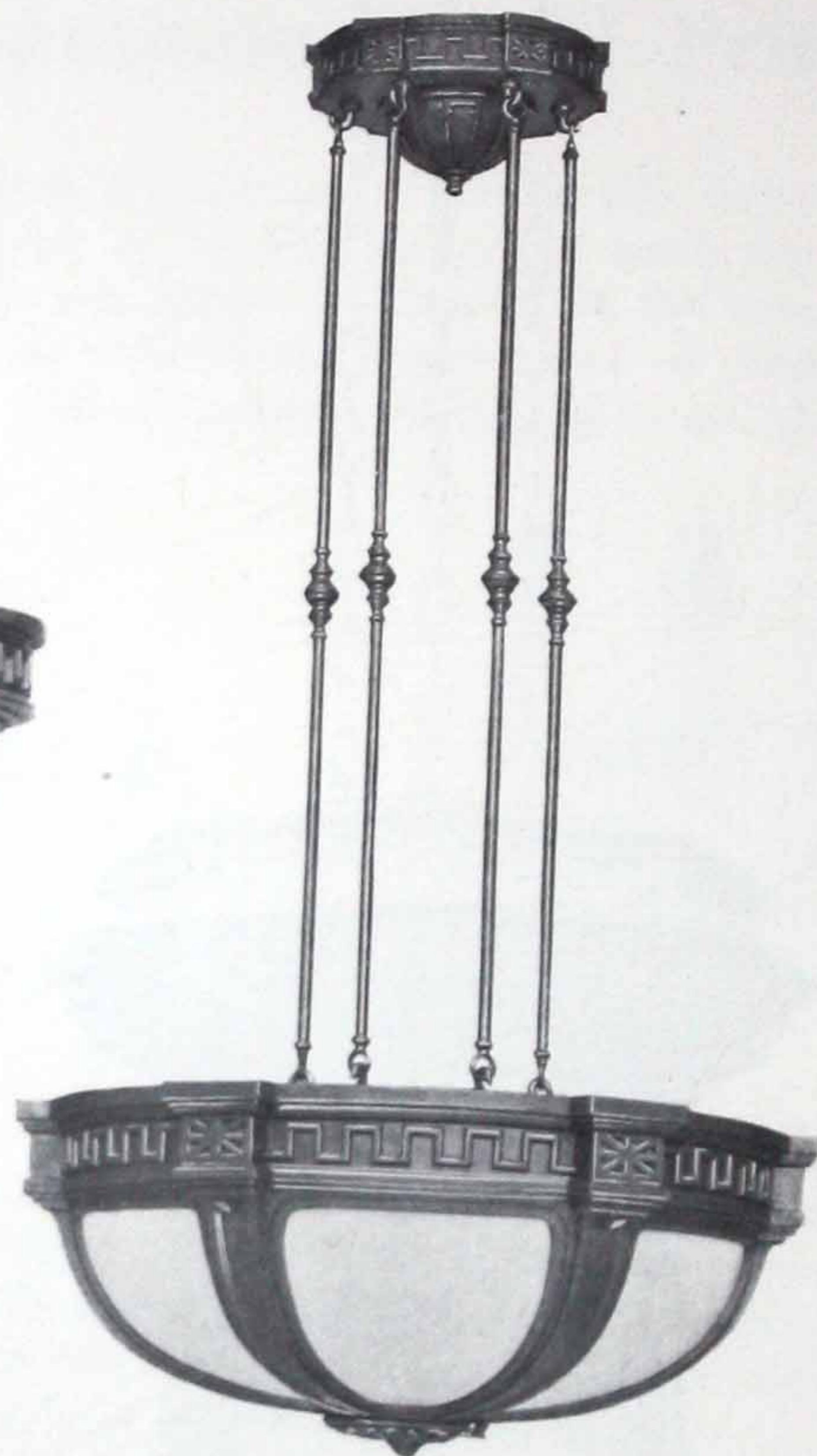
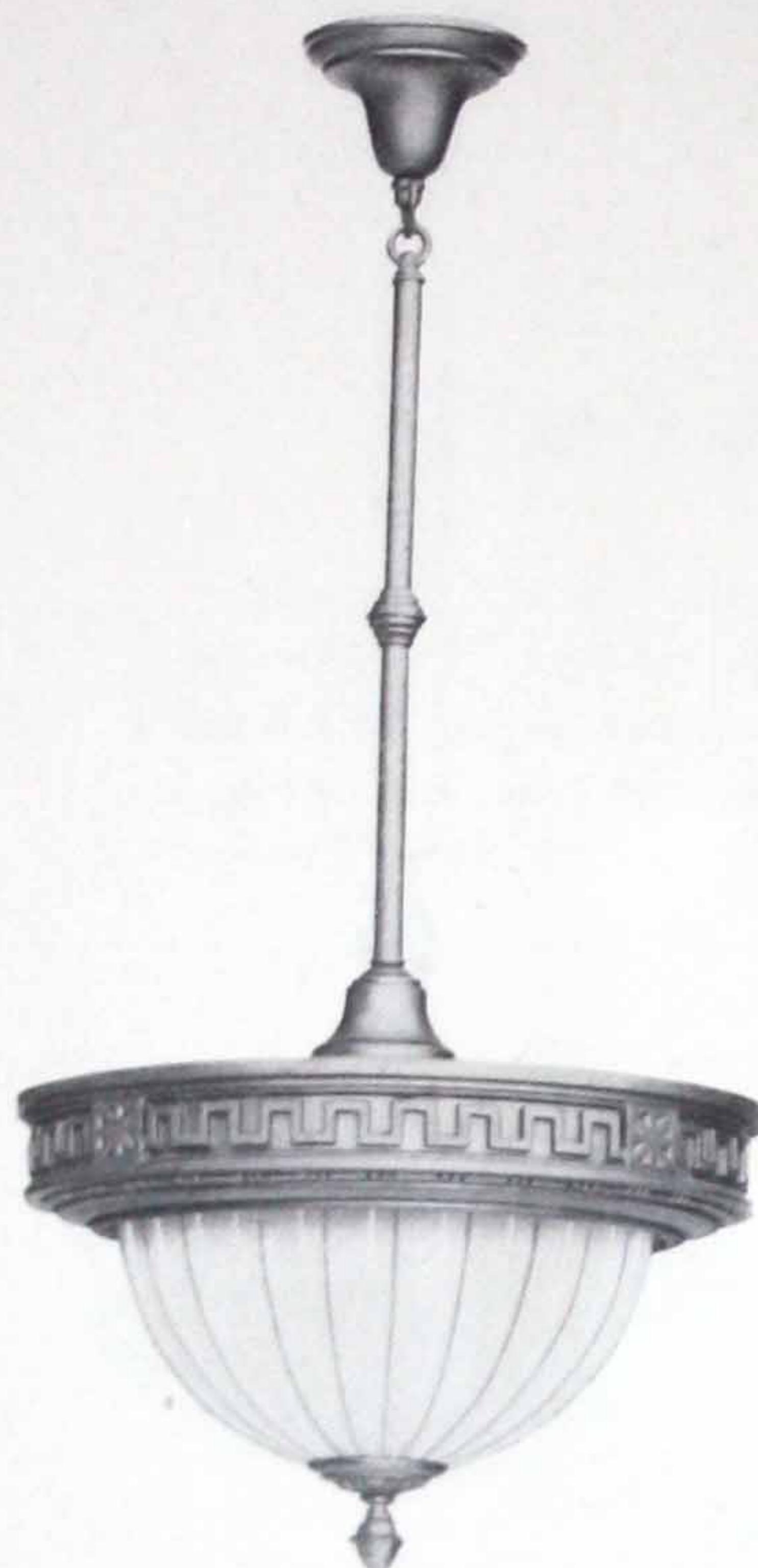
Catalog No.	of Type	Size in	Price
No. "C"	Lamps	Watts	Each
3863D	3	100 or 150	\$144.00
3832L	2	300, 400 or 500	\$218.50
3833L	3	300, 400 or 500	230.00

The above fixtures can be equipped
with X-Ray Reflectors, for direct light-
ing. Prices upon application.

No. 4232 Design—Brass

Diameter 16½ inches Depth 12 inches
Standard Finish: Antique Gold

Catalog No.	of Type	Size in	Price
No. "C"	Lamps	Watts	Each
4232A	2	75	\$93.00
4233A	3	75	97.25
4232D	2	100 or 150	91.00



No. 4242 Design—Compone

	Diameter 16 inches 12-inch Ribbed Glass Bowl	Depth 10 inches	Price
Catalog No.	No. "C" Lamps	Size in Watts	Each
4242A	2	75	\$57.50
4242D	2	100 or 150	59.00
Diameter 21 inches 16-inch Ribbed Glass Bowl		Depth 13 inches	
4252A	2	75	\$80.00
4254A	4	75	88.50
4252D	2	100 or 150	81.00
4254D	4	100 or 150	90.50

No. 2643 Design—Compone

	Diameter 30 inches Cathedral White Glass Panels	Depth 12 inches	Price
Catalog No.	No. "C" Lamps	Size in Watts	Each
2643D	3	100 or 150	\$136.50
2646D	6	100 or 150	150.75
2643F	3	200	138.00
Diameter 42 inches		Depth 18 inches	
3306D	6	100 or 150	\$203.00
3303F	3	200	190.25
3306F	6	200	206.00
3303L	3	300, 400 or 500	222.50
3306L	6	300, 400 or 500	257.00
3303U	3	750 or 1000	236.00

6-Rod Suspension

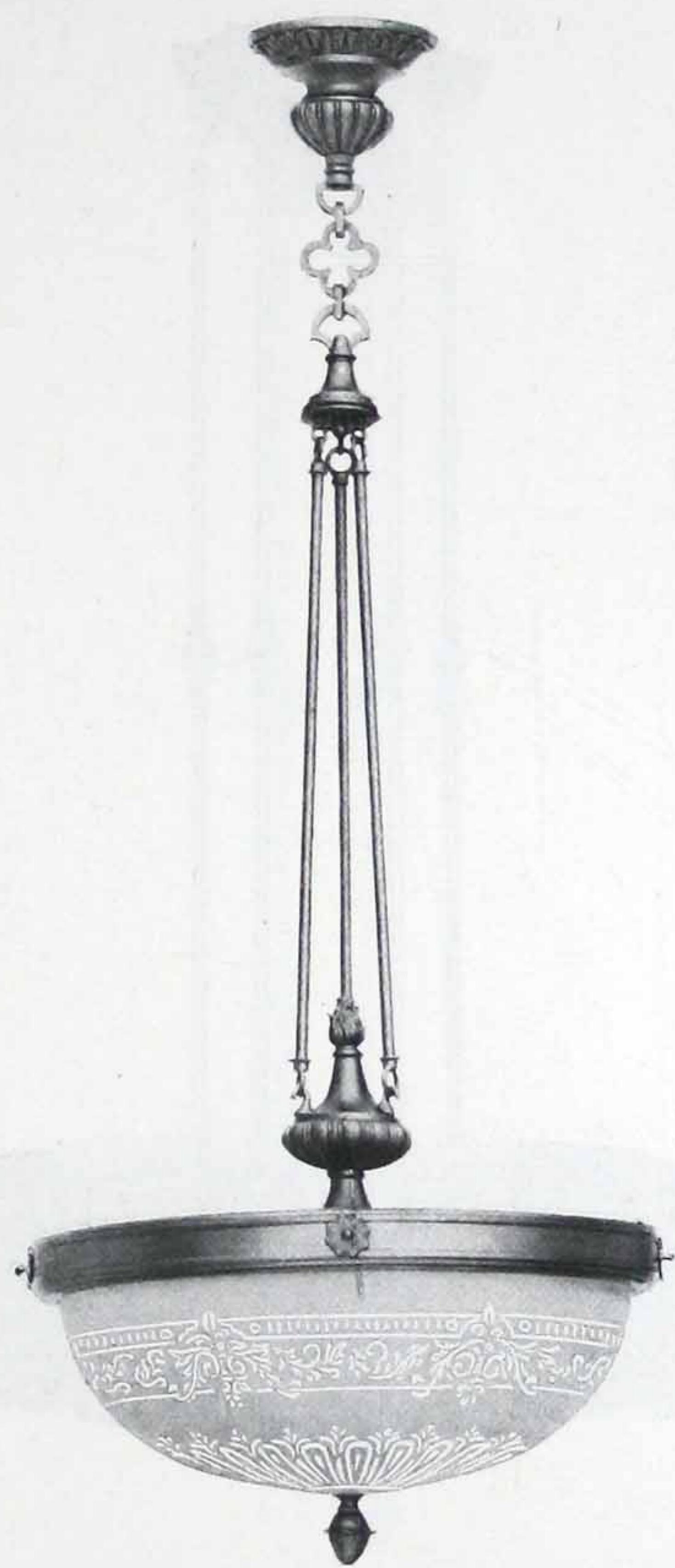
No. 2662 Design—Compone

	Diameter 16 inches Cathedral White Glass Panels	Depth 8 inches	Price
Catalog No.	No. "C" Lamps	Size in Watts	Each
2652A	2	75	\$84.50
2652D	2	100 or 150	85.50
Diameter 23 inches		Depth 9 inches	
2662A	2	75	\$100.50
2664A	4	75	109.00
2662D	2	100 or 150	101.50
2664D	4	100 or 150	111.00

4-Rod Suspension



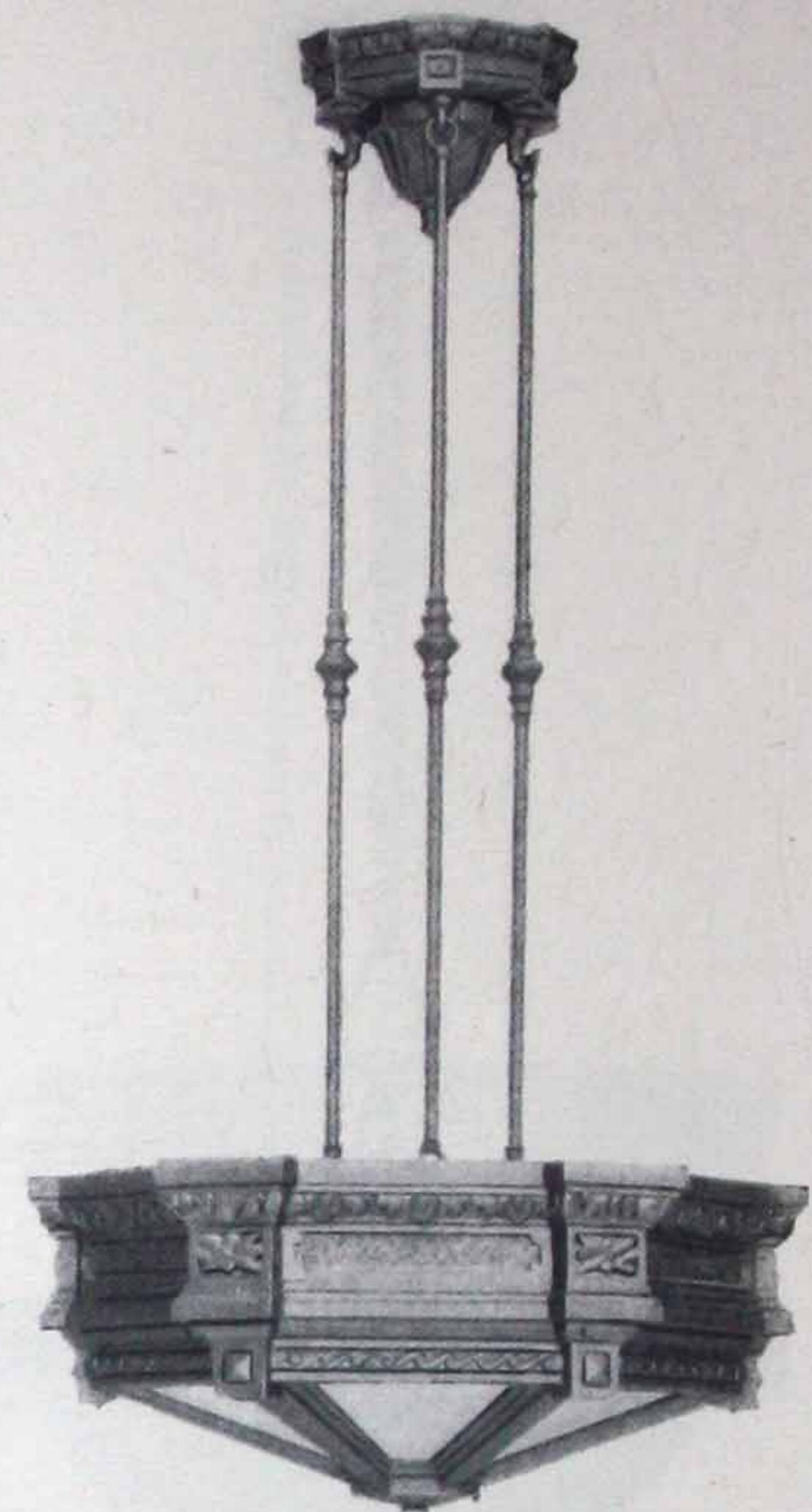
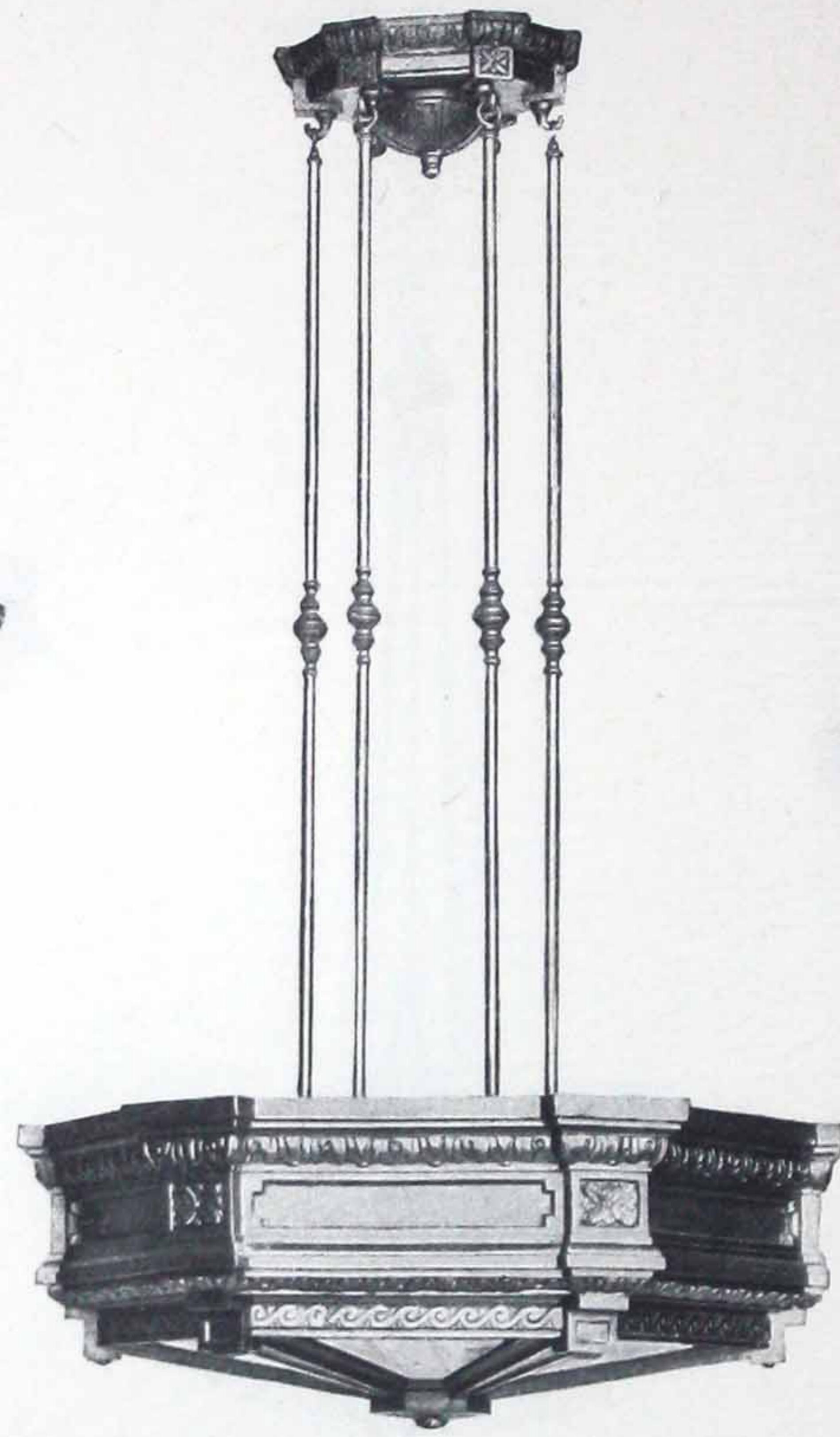
No. 2133 Design—Brass
 Diameter 19 inches Depth 7 inches
 18-inch Etched White Glass Bowl
 Standard Finish: Brushed Nickel
 Catalog No. of Type Size in Price
 No. "C" Lamps Watts Each
 †2133A 3 75 \$105.50



No. 3743 Design—Brass
 Diameter 18½ inches Depth 10 inches
 18-inch Etched Light Brown Finished Glass
 Bowl
 Standard Finish: Natural Bronze
 Catalog No. of Type Size in Price
 No. "C" Lamps Watts Each
 †3742A 3 75 \$130.00
 3743D 3 100 or 150 131.50



No. 2842 Design—Silk
 Diameter 17 inches Depth 13 inches
 Standard Finish: Gold Bronze Canopy and
 Old Gold Silk Bowl, Stem and Tassel
 Catalog No. of Type Size in Price
 No. "C" Lamps Watts Each
 †2842A 2 75 \$101.00
 †2843A 3 75 105.25
 2842D 2 100 or 150 102.00
 Silk Bowl, Stem and Tassel can be furnished
 to match Room Decorations.



No. 4262 Design—Compone

	Diameter 22 inches 16-inch Ribbed Glass Bowl	Depth 14 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
4262A	2	75	\$78.00
4264A	4	75	86.50
4262D	2	100 or 150	79.00
4264D	4	100 or 150	88.50

No. 2823 Design—Compone

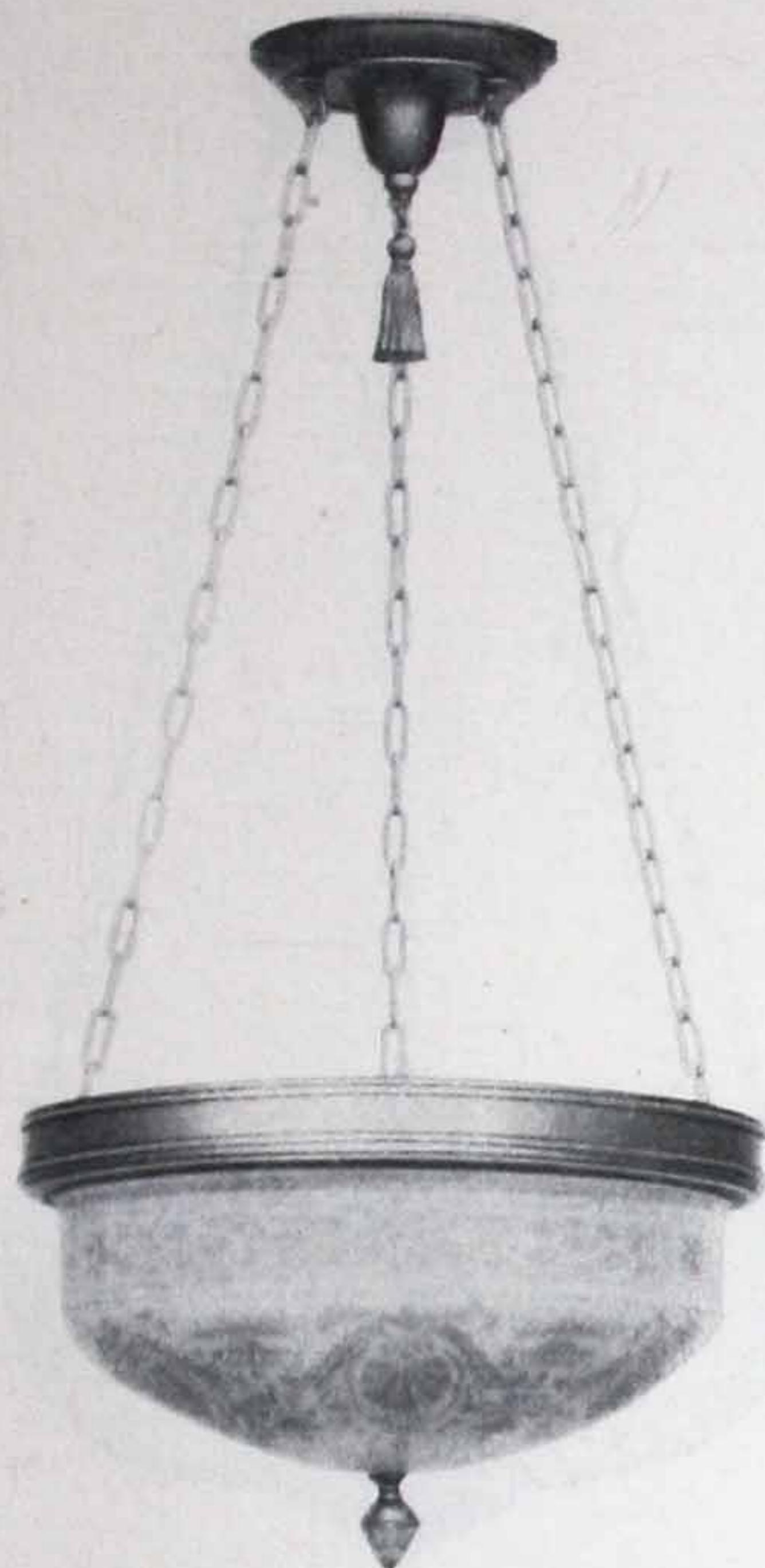
	Diameter 30 inches	Depth 11 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
2823D	3	100 or 150	\$127.00
2826D	6	100 or 150	141.25
2823F	3	200	128.50
Diameter 42 inches		Depth 18 inches	
4273F	3	200	180.00
4276F	6	200	195.75
4273L	3	300, 400 or 500	212.25
4276L	6	300, 400 or 500	246.75

6-Rod Suspension

No. 3453 Design—Compone

	Diameter 20 inches	Depth 9 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
3453A	3	75	\$ 98.50
3453D	3	100 or 150	100.00

3-Rod Suspension

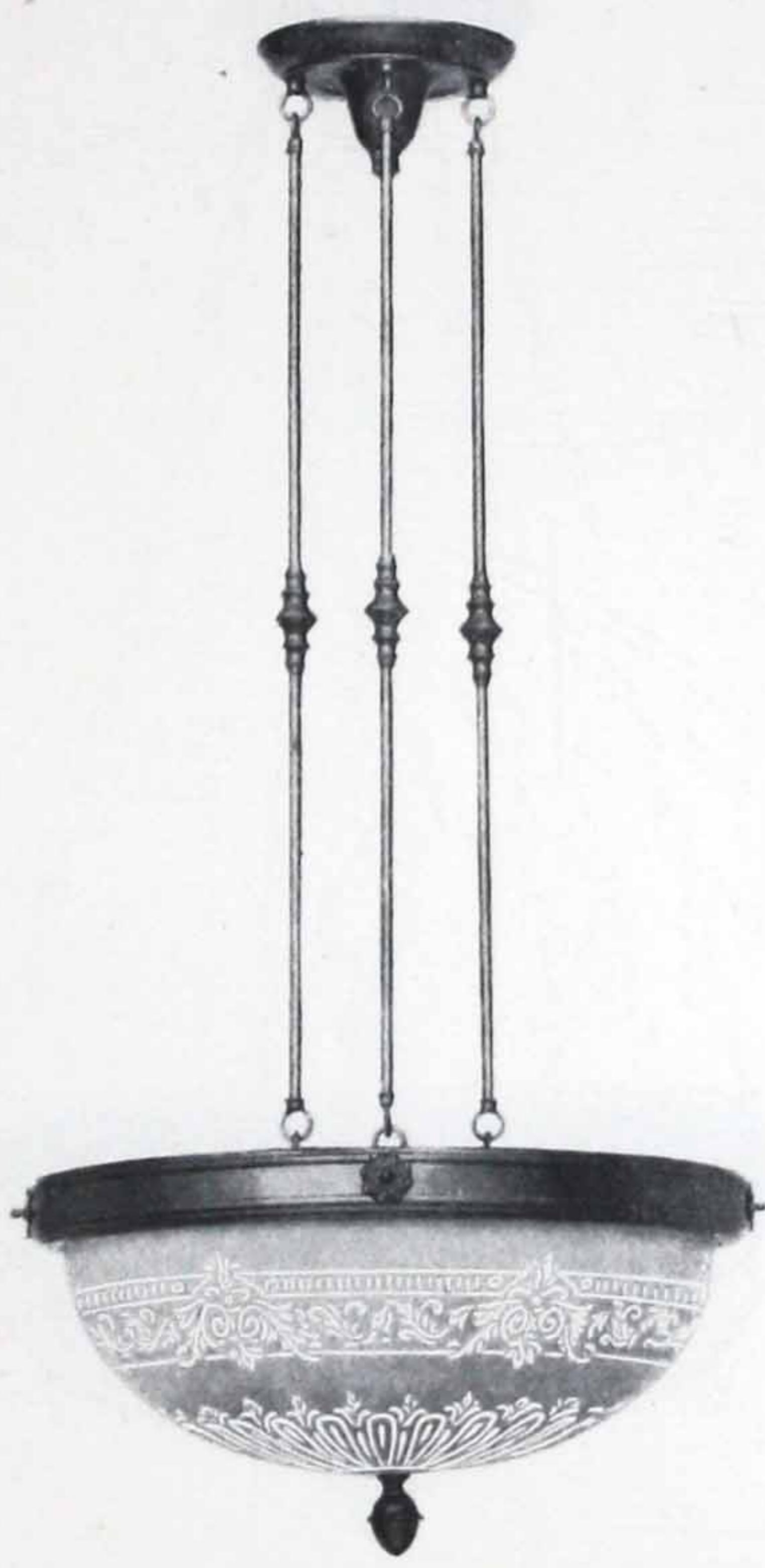


No. 4282 Design—Brass

Diameter 16½ inches Depth 10 inches

Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in	Price
"C" Lamps	Watts	Each	
4282A	2	75	\$66.00
4283A	3	75	70.25
4282D	2	100 or 150	67.00



No. 3543 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass
Bowl

Standard Finish: Natural Bronze

Catalog No.	No. of Type	Size in	Price
"C" Lamps	Watts	Each	
3543A	3	75	\$97.50
3543D	3	100 or 150	99.00

3-Rod Suspension



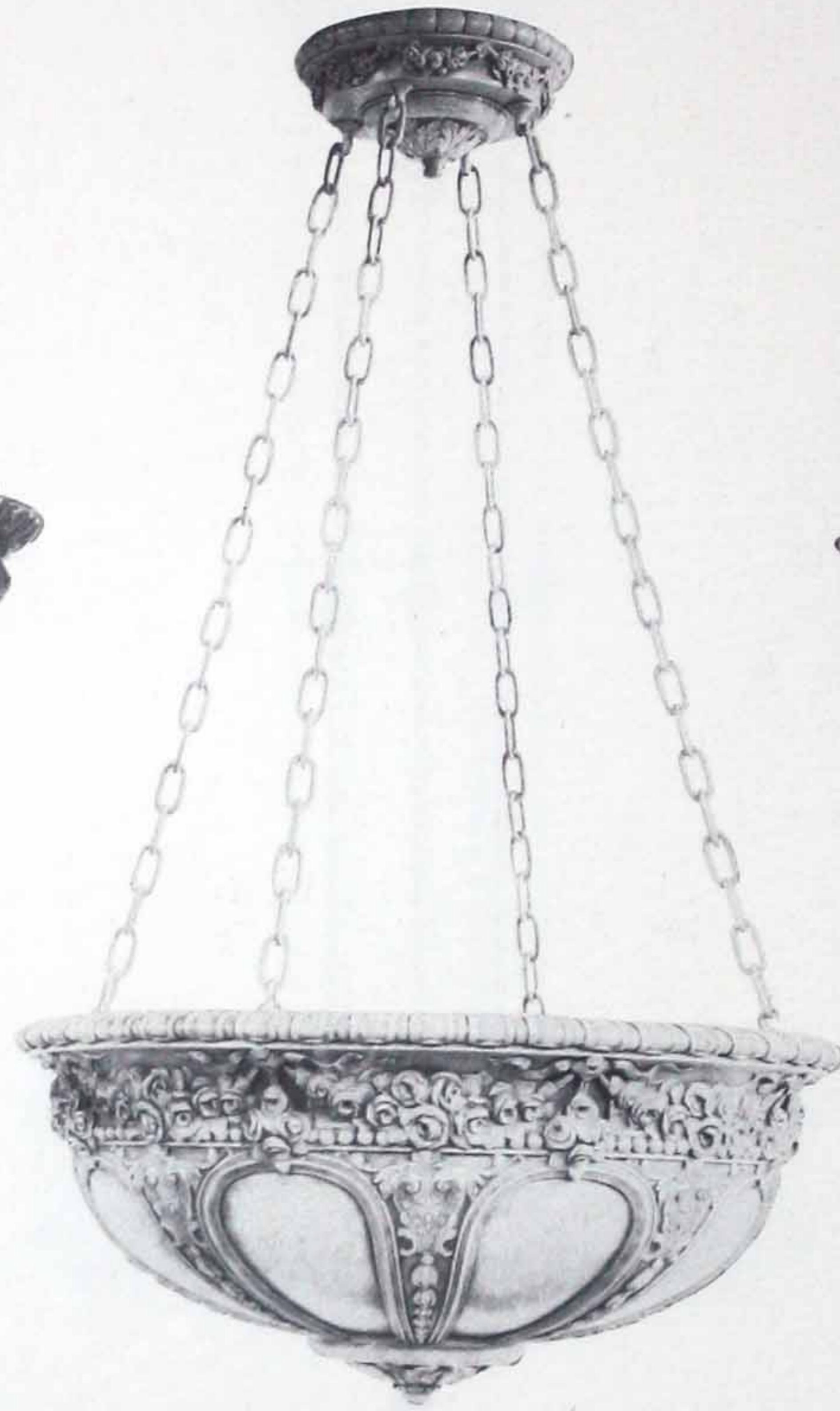
No. 2161 Design—Brass

Diameter 12 inches Depth 10 inches
10x12-inch Etched Florentine
Finished Glass Bowl

Standard Finish: Gold Bronze with Old Gold
Silk Stem and Tassel

Catalog No.	No. of Type	Size in	Price
"C" Lamps	Watts	Each	
2161V	1	100 or 150	\$66.00
2161W	1	200	66.00

Silk covered Stem and Tassel can be
furnished to match room decorations.



No. 2031 Design—Compone

	Diameter 21 inches 16-inch Ribbed Glass Bowl		Depth 11 inches	
Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
2031W	1	200		\$82.00
2031M	1	300, 400 or 500		87.50
2031E	1	750 or 1000		93.00

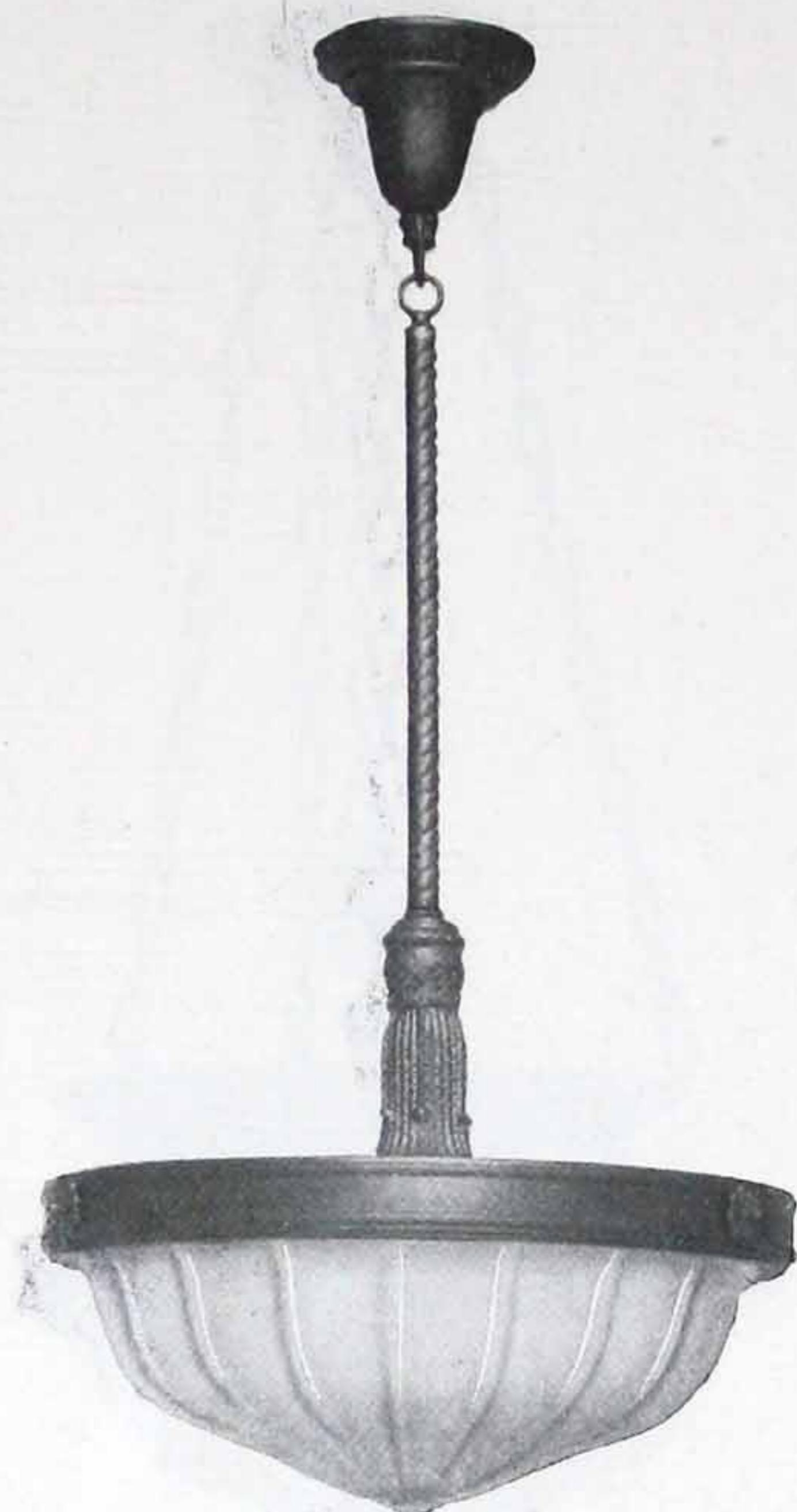
No. 1434 Design—Compone

	Diameter 34 inches Cathedral White Glass Panels		Depth 16 inches	
Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
1434D	4	100 or 150		\$132.00
1435D	5	100 or 150		136.75
1436D	6	100 or 150		141.50
§1434F	4	200		134.00
§1435F	5	200		139.25
§1436F	6	200		144.50
*1431E	1	750 or 1000		131.00

No. 1413 Design—Compone

	Diameter 24 inches Cathedral White Glass Panels		Depth 9½ inches	
Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
†1413A	3		75	\$92.00
†1414A	4		75	96.25
†1415A	5		75	100.50
1413D	3	100 or 150		93.50
1414D	4	100 or 150		98.25
*1411M	1	300, 400 or 500		92.25

4-Chain Suspension



No. 4292 Design—Brass

Diameter 15½ inches Depth 9 inches
14-inch Molded White Glass Bowl
Standard Finish:

Catalog No.	No. of Type	Size in	Price
"C" Lamps	Watts	Each	
†4292A	2	75	\$48.50
4292D	2	100 or 150	52.75
*4191W	1	200	47.00
*4191M	1	300, 400 or 500	53.00

No. 3533 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass
Bowl

Standard Finish: Natural Bronze

Catalog No.	No. of Type	Size in	Price
"C" Lamps	Watts	Each	
†3533A	3	75	\$115.50
3533D	3	100 or 150	117.00

No. 3262 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in	Price
"C" Lamps	Watts	Each	
3262A	2	75	\$61.75
3263A	3	75	66.00
3262D	2	100 or 150	62.75

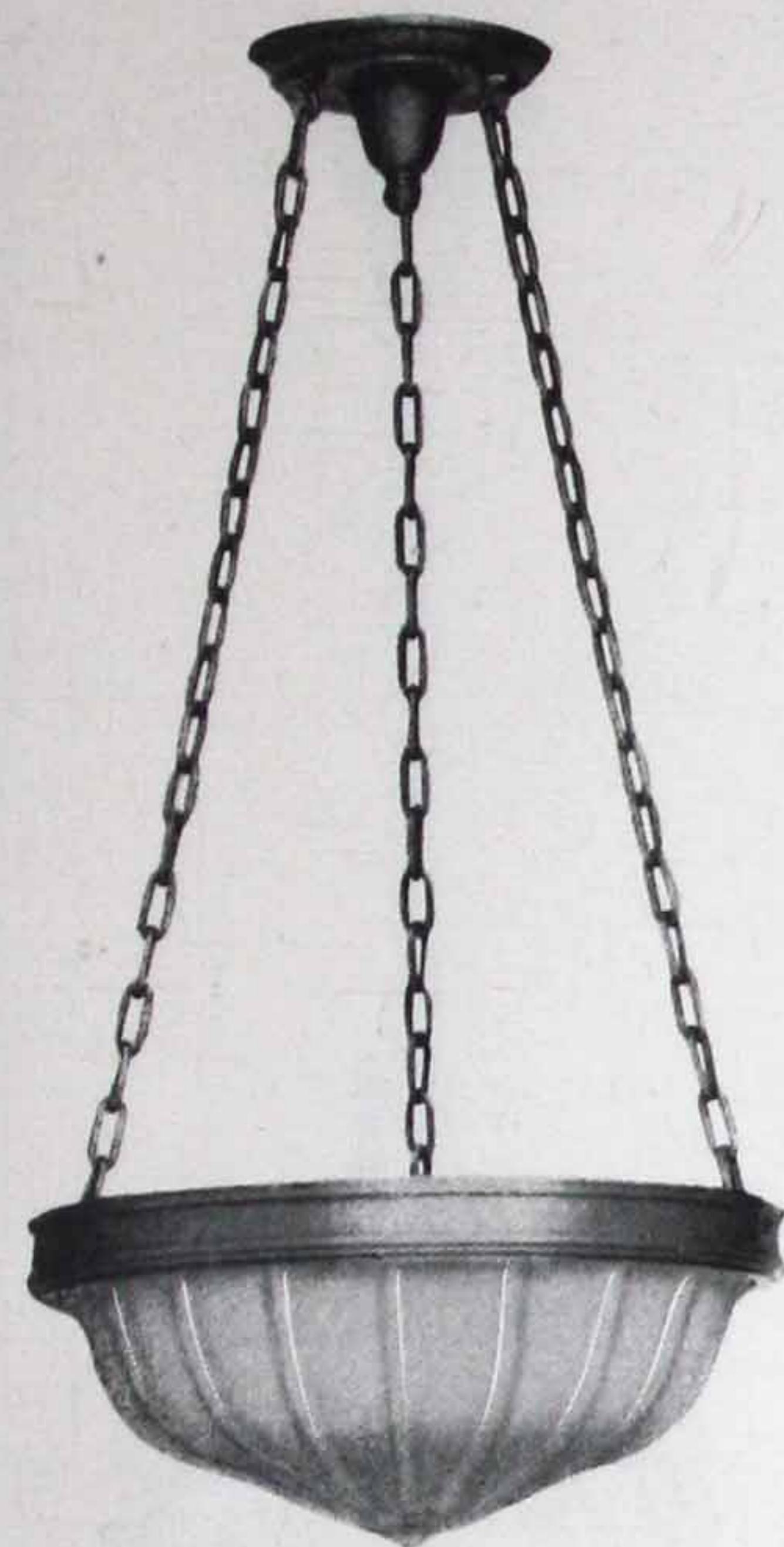


No. 3192 Design—Brass
 Diameter 16½ inches Depth 6½ inches
 16-inch White Glass Bowl
 Standard Finish: Brushed Brass
 Catalog No. of Type Size in
 No. "C" Lamps Watts Price
 3192A 2 75 \$61.75
 3193A 3 75 66.00
 3192D 2 100 or 150 62.75



No. 4302 Design—Brass
 Diameter 18 inches Depth 10 inches
 16-inch Molded White Glass Bowl
 Standard Finish:
 Catalog No. of Type Size in
 No. "C" Lamps Watts Price
 4302A 2 75 \$78.00
 4303A 3 75 82.25
 4302D 2 100 or 150 79.00
 4-Chain Suspension

No. 3553 Design—Brass
 Diameter 18½ inches Depth 10 inches
 18-inch White Glass Bowl
 Standard Finish: Brushed Brass
 Catalog No. of Type Size in
 No. "C" Lamps Watts Price
 3553A 3 75 \$73.00
 3553D 3 100 or 150 74.50



No. 1752 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl

Standard Finish: Brushed Brass

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
†1752A	2	75		\$52.00
†1753A	3	75		56.25
1752D	2	100 or 150		53.00

Glass Bowl can be furnished with Ribs
delicately colored on inside in blue or pink at
an addition of \$2.00.

No. 3563 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch White Glass Bowl

Standard Finish: Brushed Brass

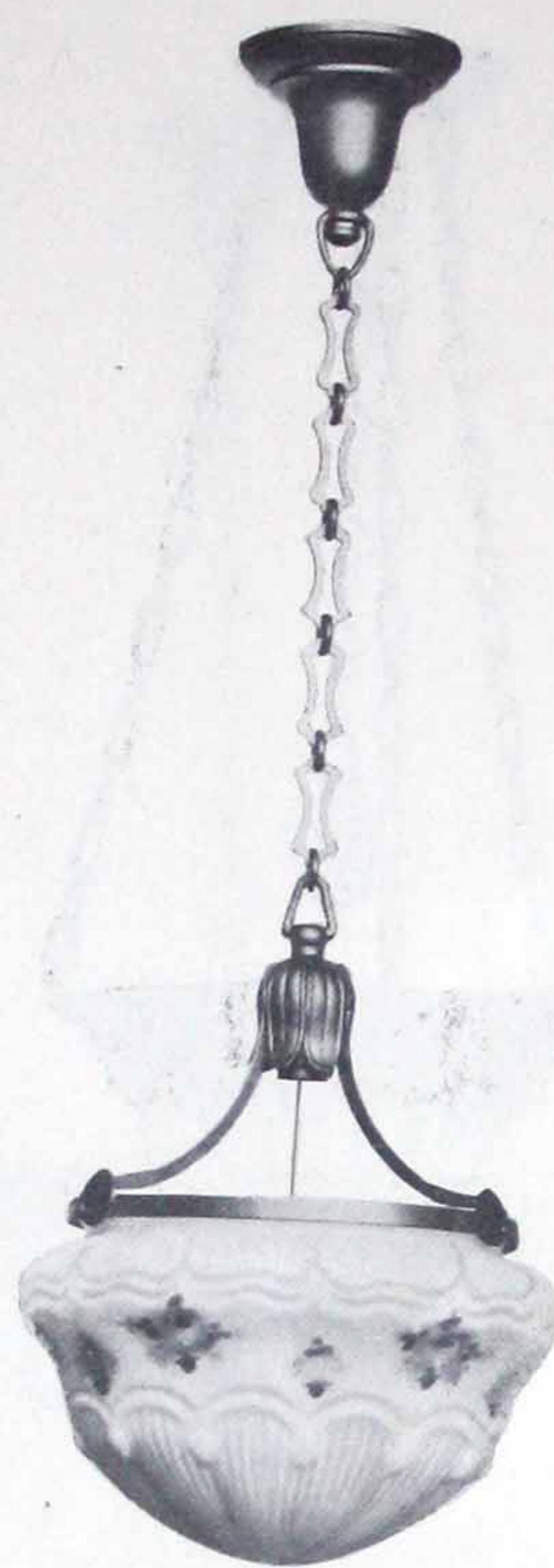
Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
†3563A	3	75		\$73.00
3563D	3	100 or 150		74.50

No. 3631 Design—Brass

Diameter 14 inches Depth 7½ inches
10-inch Ribbed Glass Bowl

Standard Finish: Brushed Brass

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
3631V	1	100 or 150		\$35.25
3631W	1	200		35.25



No. 2461 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Hand Painted Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	Type	Size	in	Price
No.	"C" Lamps	Watts	Each	
2461V	1	100 or 150		\$30.75
2461W	1	200		30.75

No. 3611 Design—Brass

Diameter 12 inches Depth 10 inches
10x12-inch Etched Florentine Finished
Glass Bowl

Catalog No.	Type	Size	in	Price
No.	"C" Lamps	Watts	Each	
3611V	1	100 or 150		\$38.50
3611W	1	200		38.50

No. 4311 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Moulded White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	Type	Size	in	Price
No.	"C" Lamps	Watts	Each	
4311V	1	100 or 150		\$21.00
4311W	1	200		21.00

No. 4321 Design—Steel

Standard Finish: Dark Bronze

Catalog No.	Type	Size	in	Price
No.	"C" Lamps	Watts	Each	
4321V	1	100 or 150		\$19.50
4321W	1	200		19.50



No. 3181 Design—Steel

Diameter 12 inches Depth 6½ inches
10x12-inch Opal Glass Bowl
Standard Finish: Dark Bronze

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

3181V 1 100 or 150 \$19.50

3181W 1 200 19.50

Diameter 16 inches Depth 8 inches
12x16-inch Opal Glass Bowl

3811M 1 300, 400 or 500 \$35.25

No. 1851 Design—Steel

Diameter 16½ inches Depth 8 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

2311W 1 200 \$34.25

2311M 1 300, 400 or 500 39.75

Diameter 18¾ inches Depth 9 inches
14-inch Ribbed Glass Bowl

1851M 1 300, 400 or 500 \$43.75

1851W 1 200 38.25

Diameter 20 inches Depth 10 inches
16-inch Ribbed Glass Bowl

1891M 1 300, 400 or 500 \$53.00

1891E 1 750 or 1000 58.50

No. 2191 Design—Steel

Diameter 14 inches Depth 7½ inches
10-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

2191V 1 100 or 150 \$23.00

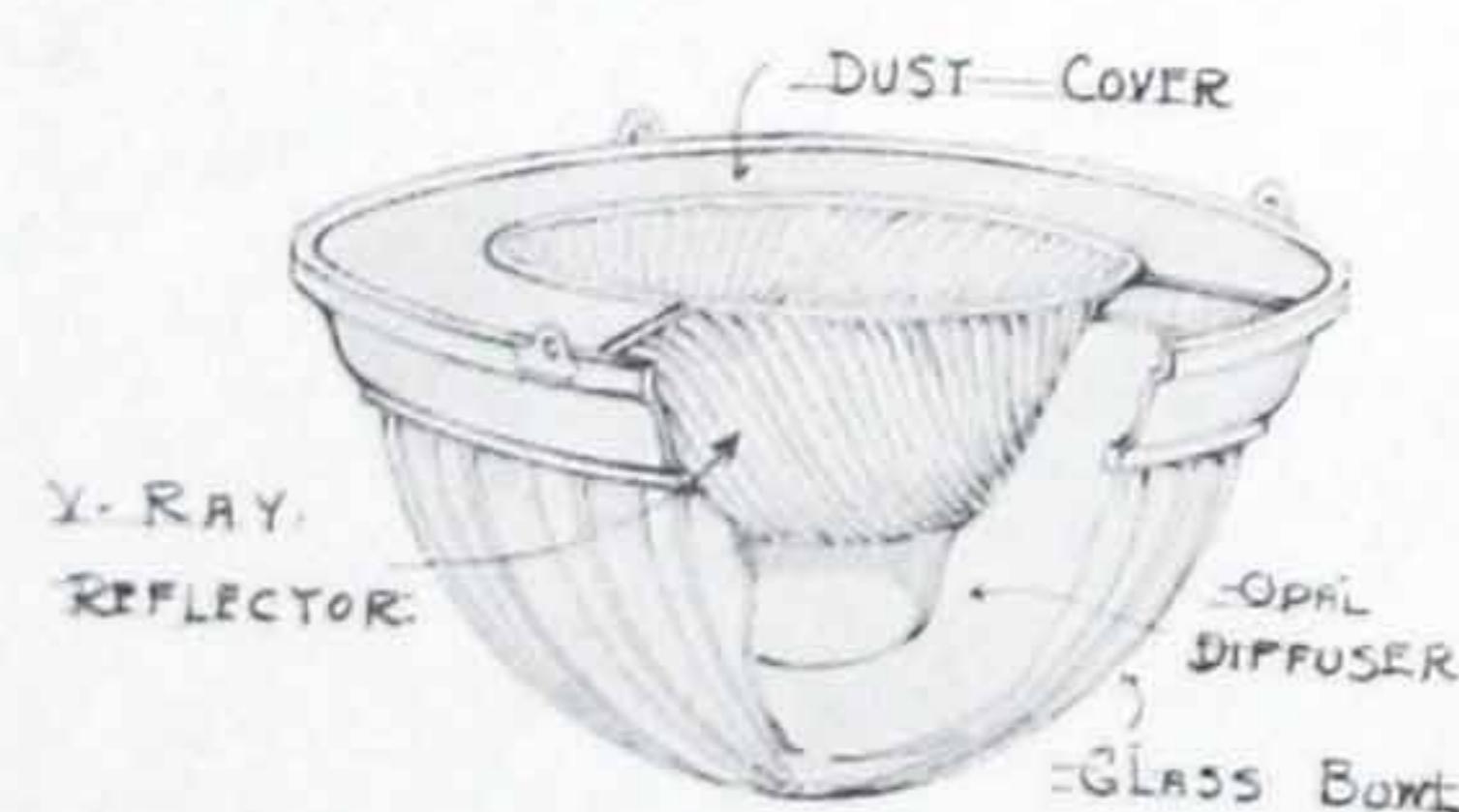
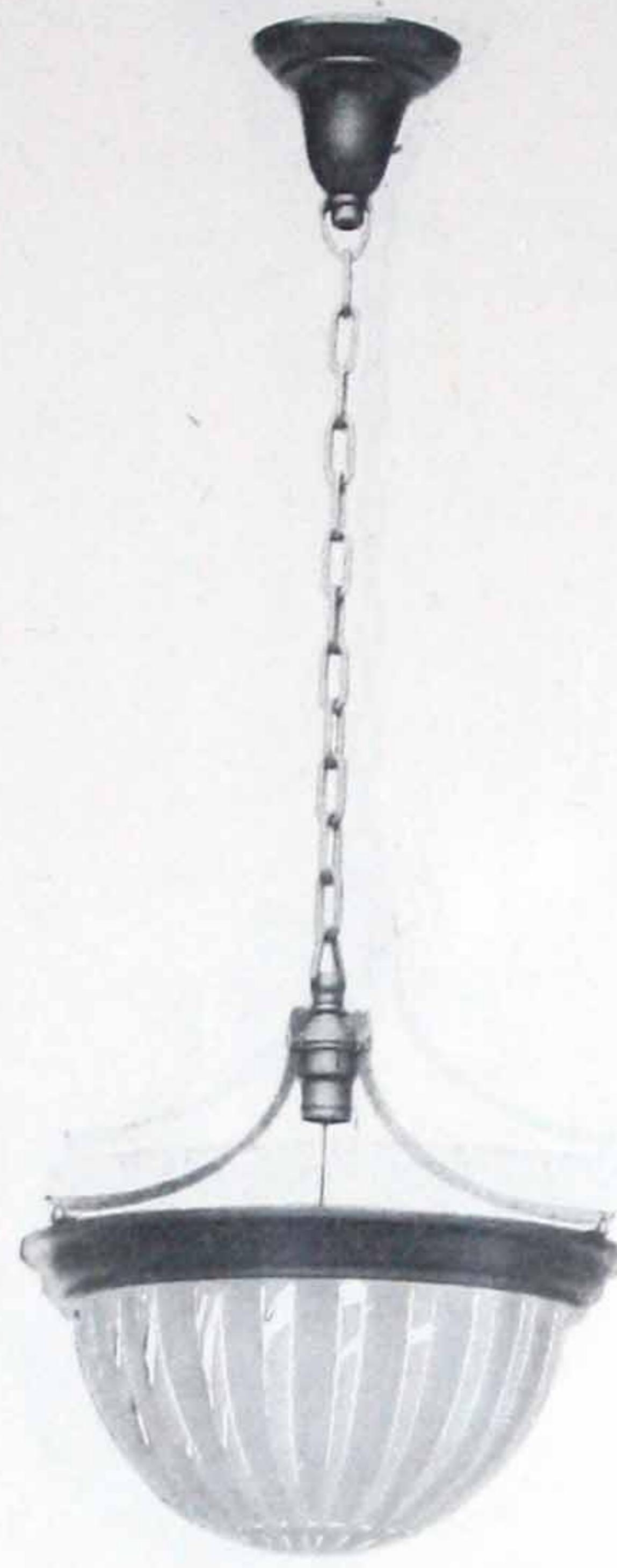
2191W 1 200 23.00

No. 2811 Design—Brass

Standard Finish: Brushed Brass

2811V 1 100 or 150 \$25.00

2811W 1 200 25.00



No. 3121 Design—Steel

Diameter 14 $\frac{1}{4}$ inches Depth 7 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Bronze

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each
3121V 1 100 or 150 \$26.50
3121W 1 200 26.50

Diameter 16 inches Depth 9 inches
14-inch Ribbed Glass Bowl

3701M 1 300, 400 or 500 \$35.25
The X-Ray reflector is held in position by a spun steel disc instead of the regular reflector holder. The Steel Disc keeps all dust and dirt from settling on the inside of the glass bowl.

No. 3571 Design—Steel

Diameter 16 $\frac{1}{2}$ inches Depth 8 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Bronze

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each
3571W 1 200 \$36.75
3571M 1 300, 400 or 500 42.25

Diameter 18 $\frac{3}{4}$ inches Depth 9 inches
14-inch Ribbed Glass Bowl

3581W 1 200 \$40.75
3581M 1 300, 400 or 500 46.25

Diameter 20 inches Depth 10 inches
16-inch Ribbed Glass Bowl

3591M 1 300, 400 or 500 \$55.50
3591E 1 750 or 1000 61.00

No. 4331 Design—Steel

Diameter 16 inches Depth 9 inches
14-inch Molded White Glass Bowl
Standard Finish: Dark Bronze

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each
4331M 1 300, 400 or 500 \$36.25

The X-Ray reflector is held in position by a spun steel disc instead of the regular reflector holder. The Steel Disc keeps all dust and dirt from settling on the inside of the glass bowl.



Wolfgang Borchert
Dramaturgical notes
1946-1947

在《新民報》上，我讀到一篇〈新民報社論：新民報的立場〉，說得對，我就是那樣的。

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1996 年 1 月 1 日起施行 1996 年 1 月 1 日起施行

1999-00 2000-01 2001-02 2002-03
Government of Ontario Provincial Government

1990-91 1991-92 1992-93 1993-94

The author is grateful to the editor and anonymous referees for their useful comments and suggestions.

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No. 2442 Design—Wicker

Diameter 16 inches Depth 7 inches
Standard Finish: Green, Mahogany or Old
Ivory

Catalog No. of Type Size in
No. "C" Lamps Watts Price
2 75 \$48.00
3 75 52.25
2 100 or 150 49.00

Above fixture lined with Cretonne. If
wanted lined with silk, add \$2.50.

No. 3802 Design—Wicker

Diameter 18 inches Depth 12 inches
Standard Finish: Green, Mahogany or Old
Ivory

Catalog No. of Type Size in
No. "C" Lamps Watts Price
2 75 \$48.75
3 75 53.00
1 100 or 150 49.75
3 100 or 150 54.50

Above fixture lined with Cretonne. If
wanted lined with silk, add \$2.50.

No. 862 Design—Wicker

Diameter 16 inches Depth 6 inches
Standard Finish: Green, Mahogany or Old
Ivory

Catalog No. of Type Size in
No. "C" Lamps Watts Price
2 75 \$35.75

Diameter 18½ inches Depth 7 inches
2 75 \$38.50

3 75 42.75
2 100 or 150 39.50
3 100 or 150 44.25

Diameter 23 inches Depth 9 inches
3 100 or 150 \$51.00
4 100 or 150 55.75
5 100 or 150 60.50

Above fixtures lined with Cretonne. If
wanted lined with silk, add \$2.00.



No. 4341 Design—Brass
 Diameter 12 inches Depth 6½ inches
 10x12-inch Moulded White Glass Bowl
 Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
4341V	1	100 or 150		\$16.00
4341W	1	200		16.00

No. 4351 Design—Steel
 Standard Finish: Dark Bronze
 4351V 1 100 or 150 \$14.50
 4351W 1 200 14.00

No. 3621 Design—Steel
 Glass Bowl, Reflector, Rim and Supporting
 Arms only

Diameter	Depth
12 inches	6½ inches
10x12-inch	Opal Glass Bowl

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
3621V	1	100 or 150		\$14.50
3621W	1	200		14.50

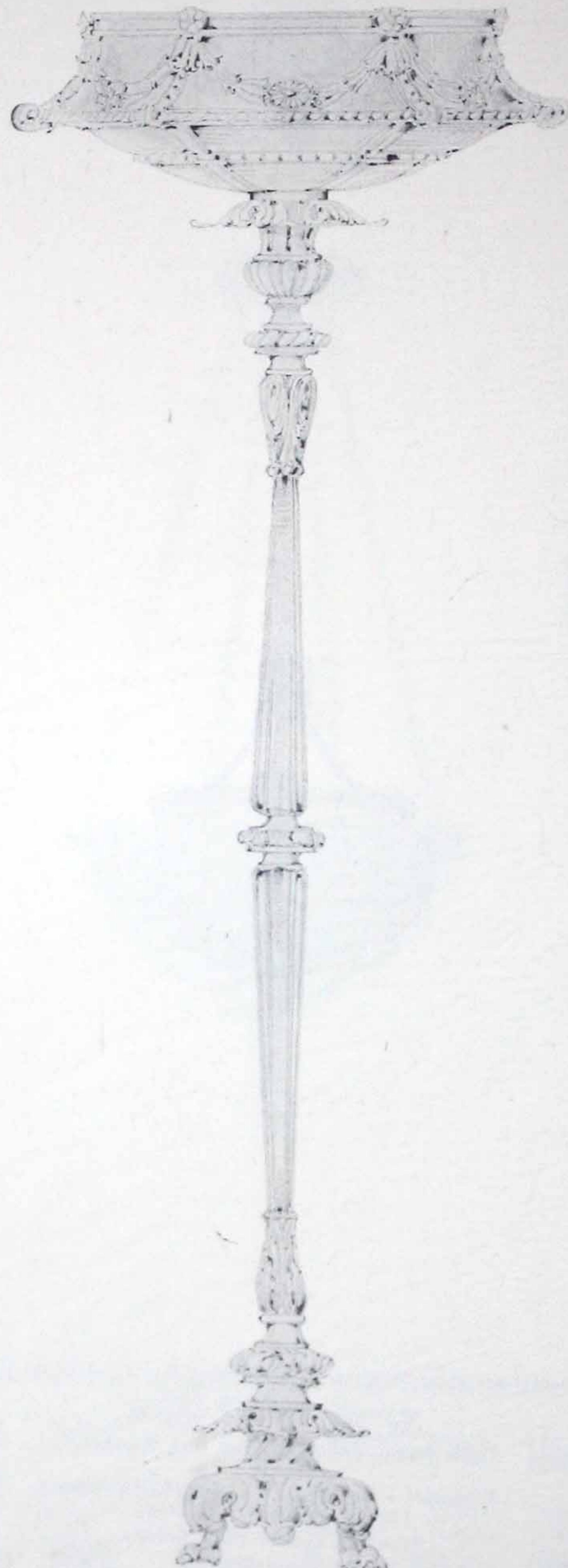
No. 4361 Design—Brass
 Standard Finish: Brushed Brass
 4361V 1 100 or 150 \$15.50
 4361W 1 200 15.50

No. 2681 Design—Steel
 Glass Bowl, Reflector, Rim and Supporting
 Arms only

Diameter	Depth
14 inches	7 inches
10-inch	Ribbed Glass Bowl

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
2681V	1	100 or 150		\$17.25
2681W	1	200		17.25

No. 2691 Design—Brass
 Standard Finish: Brushed Brass
 2691V 1 100 or 150 \$19.25
 2691W 1 200 19.25



This beautiful hand chased bronze indirect portable is only one of the many pieces designed and built by our company. The pedestal has a metal open work bowl, backed with opal glass panels.

Our designing department is especially equipped to create originally designed lighting fixtures to meet any architectural demand.

METAL FIXTURES

SECTION TWO



Let the lighting fixtures be of a design and finish to harmonize with the architecture and decorations of the building.

Metal Finishes

Finishes That May Be Applied On Any Brass Fixture

Finish No.	Description
2	Brushed Brass. The standard finish for brass fixtures listed in our catalog is brushed brass unless otherwise specified. Add 10% over brushed brass price for any of the following finishes:
4	Antique Brass.
13	Dark Monumental Bronze.
17	Polished Nickel.
18	Satin Nickel.
19	Oxidized Nickel.
20	Bauer Barff.
21	Light Monumental Bronze.
22	Brushed Copper.
26	Verde Antique.
27	Black Nickel.
32	Brushed Nickel.
39	Natural Bronze. Add 20% over brushed brass price for any of the following finishes:
29	Oxidized Silver.
35	Butlers Silver.
38	Antique Gold.

Special finished can be produced to harmonize with individual color schemes. Price upon application.

Explanation of Special Marks on Catalog Pages

[†]Specify on order if 40, 50 or 60 watt type "B" lamps are to be used in fixtures listed for 75 Watt Type "C" Lamps, as special reflector holders are required.

Standard Finishes (One-tone) Washable, That May Be Applied On Any Steel Fixture

Finish No.	Description
28	Flat White.
33	Cream.
37	Light Cream.
41	Battleship Gray.
A	Dark Gold Bronze.
H	Silver Bronze.
M	Brushed Brass Bronze.
T	Dark Bronze.

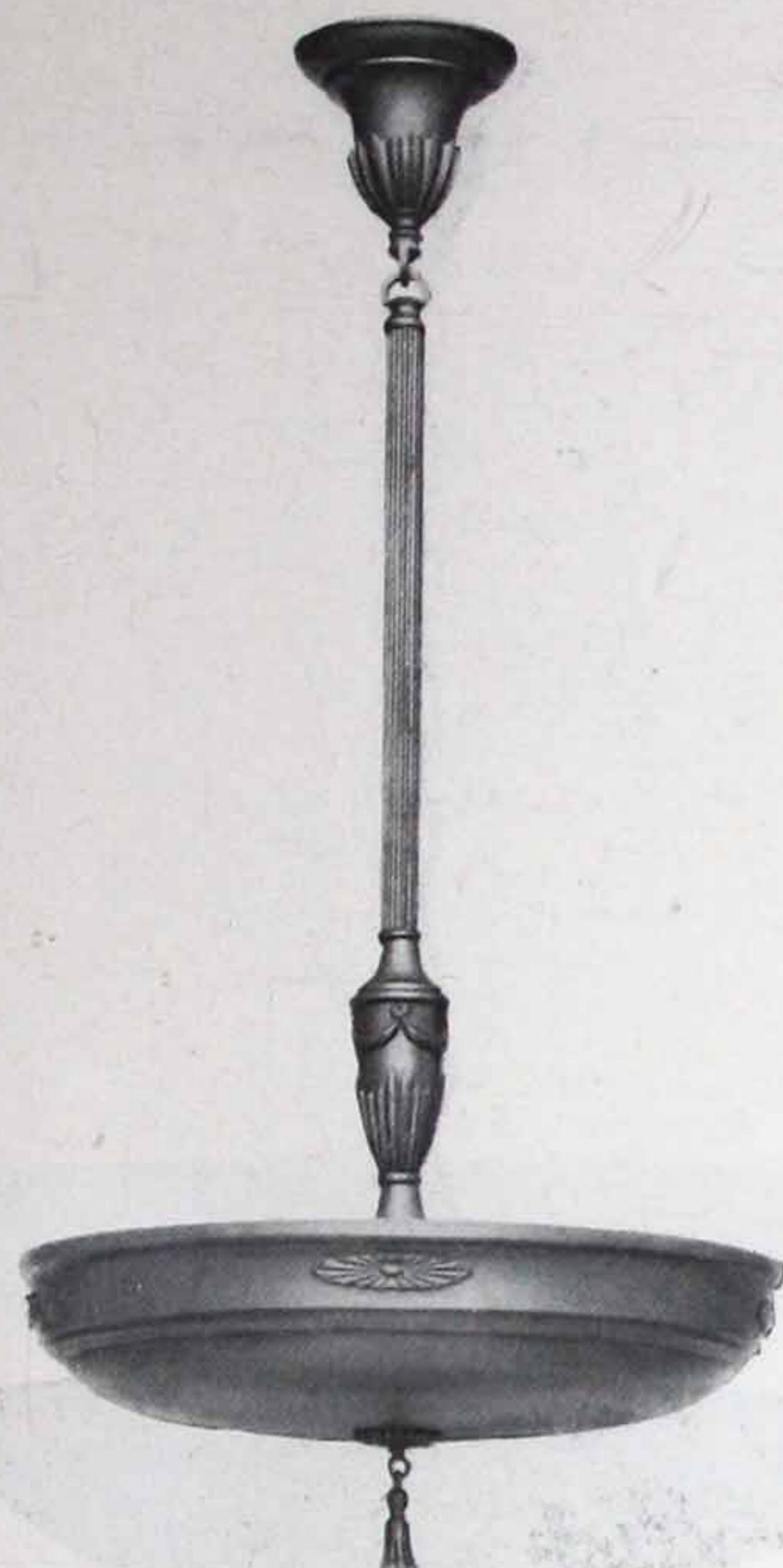
Add 10% over standard finish price for any of the following (two-tone) finishes:

27-15	Medium Old Ivory.
27-32	Dark Old Ivory.
A15	Medium Gold Bronze.
A22	Antique Gold Bronze.
H22	Antique Silver Bronze.
P15	Roman Gold Bronze.
T42	Statuary Bronze.

Any standard finish for steel fixtures may be applied to brass fixtures at an addition of 5% to brushed brass price.

*Lamps hang tip down, suspended on an additional chain from Canopy. Not shown in illustration.

§Lamps must be ordered "Special" for tip up Burning.



No. 4052 Design—Brass

Diameter 17 inches Depth 8 inches
Standard Finish: Antique Gold

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
4052A	2	75			\$83.00
4053A	3	75			87.25
4054A	4	75			91.50
4052D	2	100 or 150			84.00
4053D	3	100 or 150			88.75

No. 3723 Design—Brass

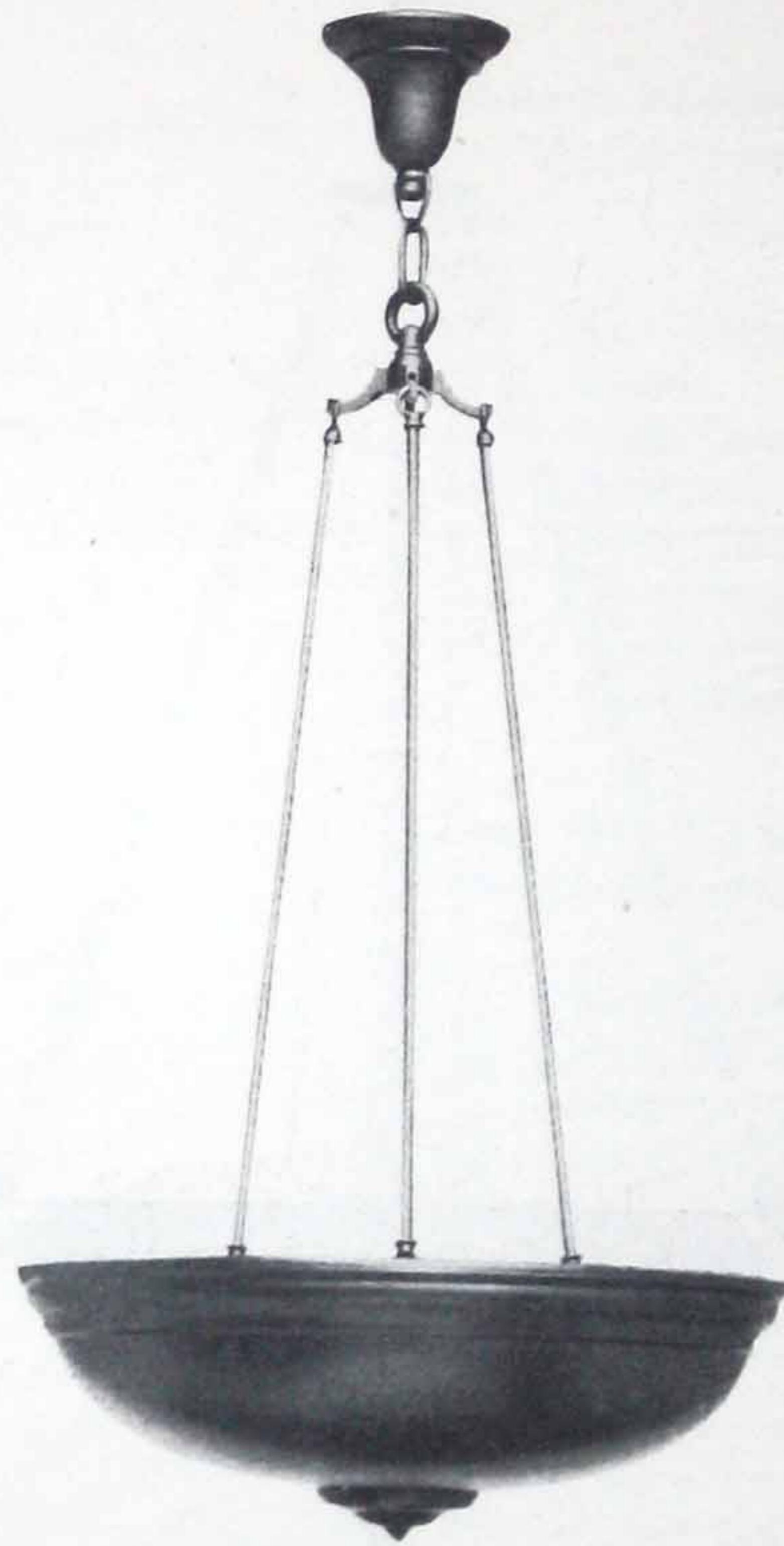
Diameter 21 inches Depth 8 1/2 inches
Standard Finish: Natural Bronze with Shaded Castings

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
3723A	3	75			\$123.00
3724A	4	75			127.25
3723D	3	100 or 150			124.50
3724D	4	100 or 150			129.25

No. 2753 Design—Brass

Diameter 20 inches Depth 9 inches
Standard Finish: Antique Nickel

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
2753A	3	75			\$118.25
2754A	4	75			122.50
2753D	3	100 or 150			119.75
2754D	4	100 or 150			124.50



No. 2782 Design—Brass

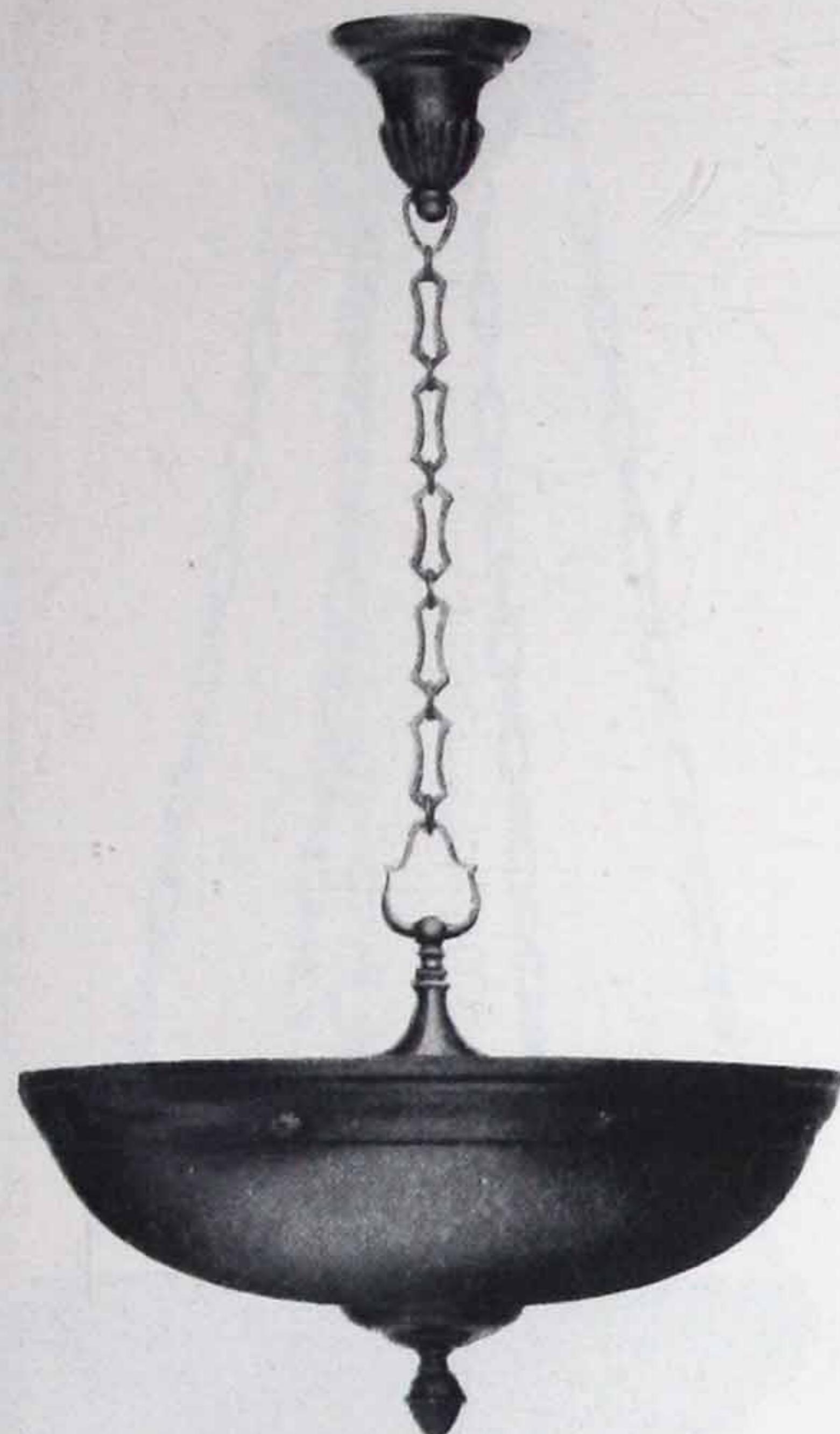
Diameter 17 inches			Depth 5 inches
Standard Finish: Brushed Nickel			
Catalog No.	Type	Size in	Price
No.	"C" Lamps	Watts	Each
2782A	2	75	\$85.50
2783A	3	75	89.75
2784A	4	75	94.00
2782D	2	100 or 150	86.50
2783D	3	100 or 150	91.25

No. 3693 Design—Steel

Diameter 20 inches			Depth 6 1/2 inches
Standard Finish: Dark Bronze			
Catalog No.	Type	Size in	Price
No.	"C" Lamps	Watts	Each
3693A	3	75	\$50.00
3694A	4	75	54.25
3693D	3	100 or 150	51.50
3694D	4	100 or 150	56.25

No. 3313 Design—Brass

Diameter 18 1/2 inches			Depth 6 inches
Standard Finish: Antique Brass			
Catalog No.	Type	Size in	Price
No.	"C" Lamps	Watts	Each
3313A	3	75	\$73.00
3314A	4	75	77.25
3313D	3	100 or 150	74.50
3314D	4	100 or 150	79.25



No. 4083 Design—Brass

Diameter 20 inches Depth 8 inches
Standard Finish: Light Monumental Bronze

Catalog No.	Type	Size in No. "C"	Lamps	Watts	Price Each
4083A	3	75			\$58.50
4084A	4	75			62.75
4083D	3	100 or 150			60.00
4084D	4	100 or 150			64.75

No. 3353 Design—Brass

Diameter 18½ inches Depth 8 inches
Standard Finish: Brushed Brass

Catalog No.	Type	Size in No. "C"	Lamps	Watts	Price Each
3353A	3	75			\$74.00
3354A	4	75			78.25
3353D	3	100 or 150			75.50
3354D	4	100 or 150			80.25

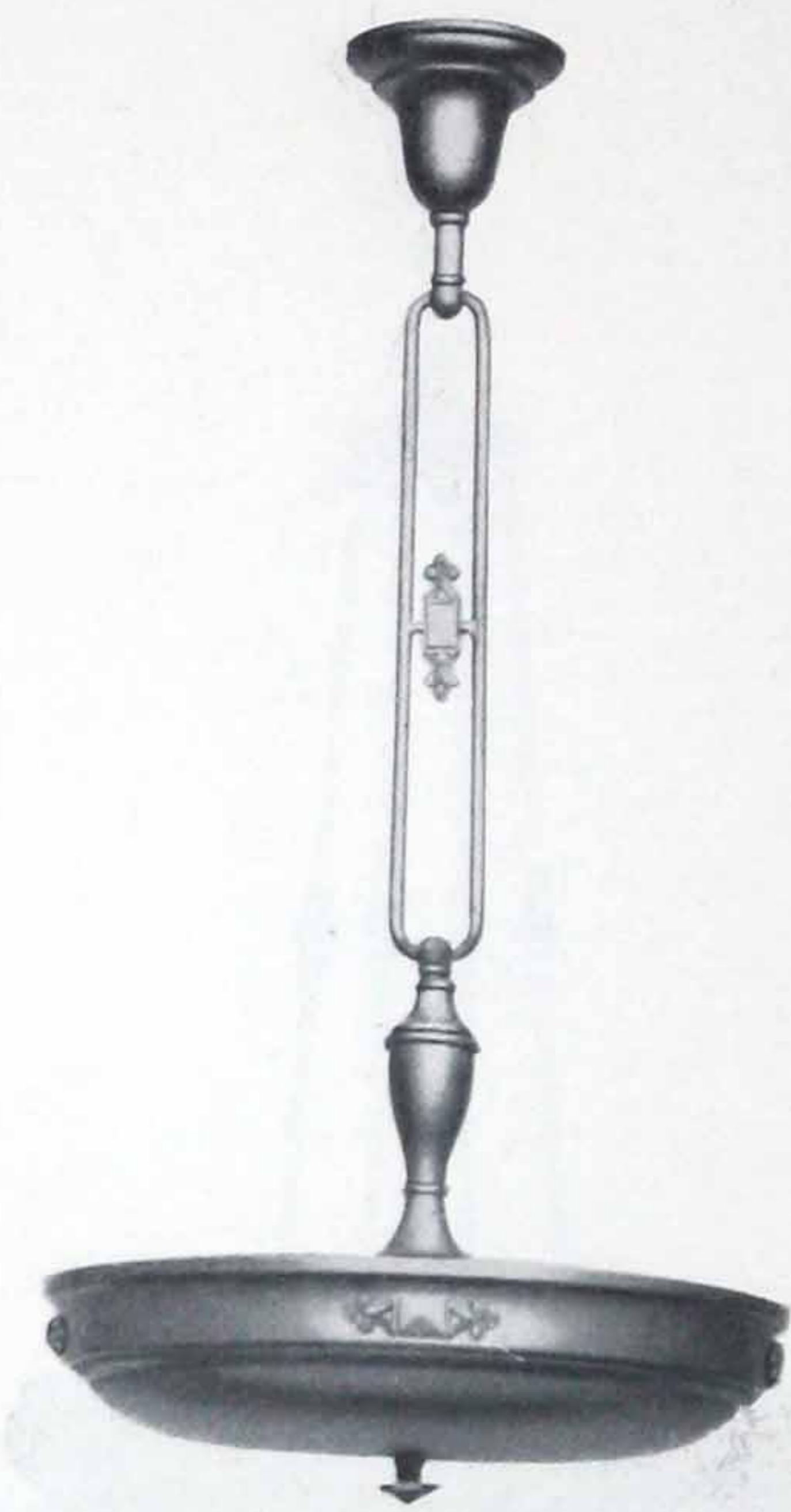
No. 3711 Design—Brass

Diameter 14 inches Depth 12 inches
Standard Finish: Natural Bronze with
Shaded Castings

Catalog No.	Type	Size in No. "C"	Lamps	Watts	Price Each
3711J	1	100 or 150			\$38.50
3711K	1	200			38.50



No. 3232 Design—Brass			
Diameter 17 inches		Depth 5 inches	
Standard Finish: Brushed Brass			
Catalog No.	Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3232A	2	75	\$47.00
†3233A	3	75	51.25
†3234A	4	75	55.50
3232D	2	100 or 150	48.00
3233D	3	100 or 150	52.75

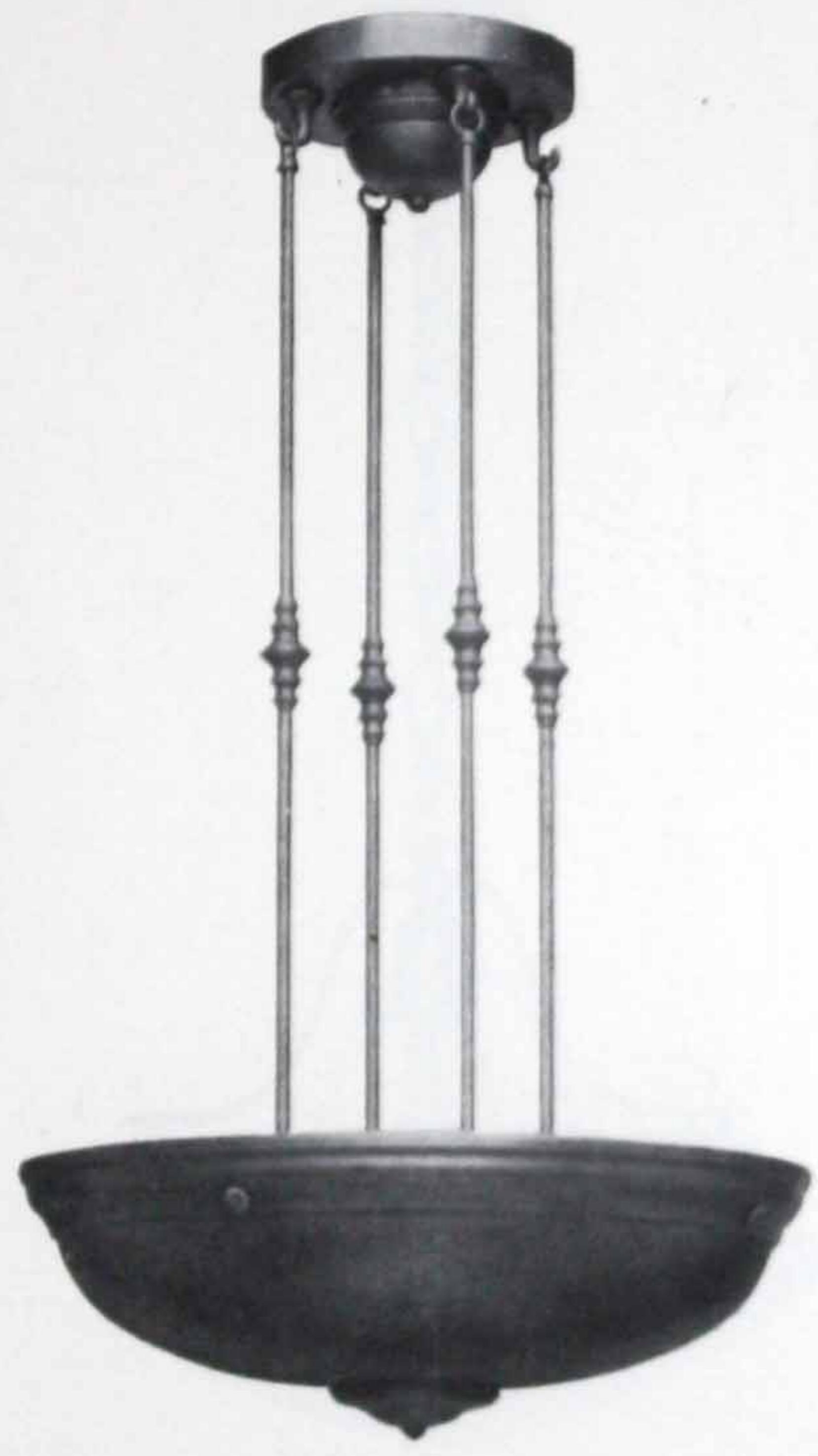


No. 4092 Design—Brass			
Diameter 17 inches		Depth 5 inches	
Standard Finish			
Catalog No.	Type	Size in	Price
No.	"C" Lamps	Watts	Each
†4092A	2	75	\$85.50
†4093A	3	75	89.75
†4094A	4	75	94.00
4092D	2	100 or 150	86.50
4093D	3	100 or 150	91.25



No. 3083 Design—Brass			
Diameter 18½ inches		Depth 6 inches	
Standard Finish: Antique Brass			
Catalog No.	Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3083A	3	75	\$73.00
†3084A	4	75	77.25
3082D	3	100 or 150	74.50
3084D	4	100 or 150	79.25

Add \$5.00 if wanted equipped with Electrolite Pull Switch described on Page 5.



No. 3462 Design—Brass

Diameter 14 inches	Depth 4 $\frac{3}{4}$ inches	Standard Finish: Brushed Brass		
Catalog No.	Type	Size in	Price	
No.	"C"	Lamps	Watts	Each
3462A	2	75	\$40.00	
3463A	3	75	44.25	
3462D	2	100 or 150	41.00	
Diameter 18 $\frac{1}{2}$ inches		Depth 6 inches		
3473A	3	75	\$45.75	
3474A	4	75	50.00	
3473D	3	100 or 150	47.25	
3474D	4	100 or 150	52.00	

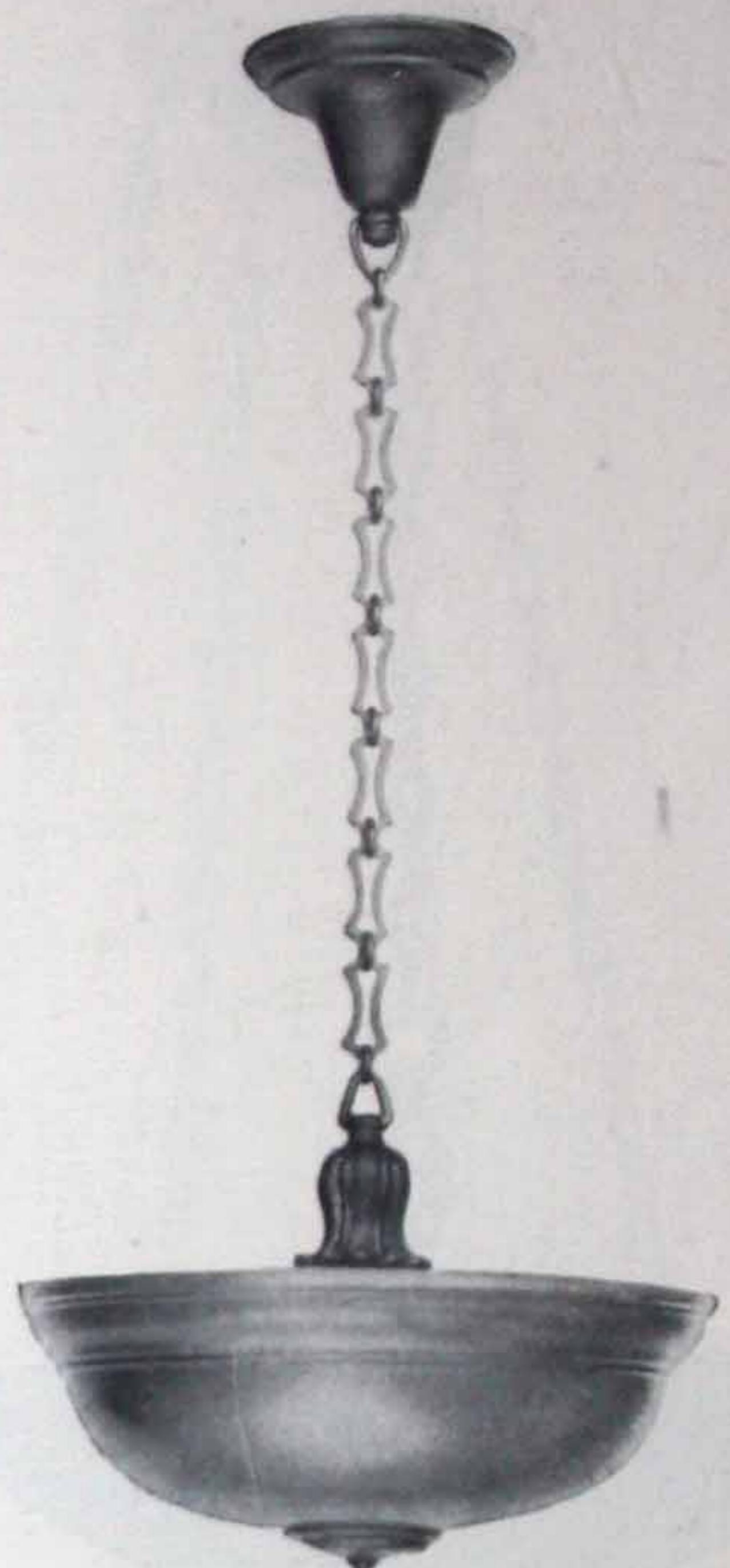
No. 1393 Design—Brass

Diameter 20 inches	Depth 6 $\frac{1}{4}$ inches	Standard Finish: Brushed Brass		
Catalog No.	Type	Size in	Price	
No.	"C"	Lamps	Watts	Each
1393A	3	75	\$55.75	
1394A	4	75	60.00	
1393D	3	100 or 150	57.25	
1394D	4	100 or 150	62.00	

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.

No. 4103 Design—Brass

Diameter 17 inches	Depth 12 $\frac{1}{2}$ inches	Standard Finish: Brushed Brass		
Catalog No.	Type	Size in	Price	
No.	"C"	Lamps	Watts	Each
4103A	3	75	\$52.50	
4102D	2	100 or 150	49.25	
4103D	3	100 or 150	54.00	
Metal Rope Tubing and Stamped Metal Tassel used.				



No. 83 Design—Brass

Diameter 14 inches Depth 4½ inches
Standard Finish: Brushed Brass

Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
†72A	2	75		\$40.00
†73A	3	75		44.25
72D	2	100 or 150		41.00

Above fixture has Three Chain Suspension.
Diameter 18½ inches Depth 6 inches

Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
†83A	3	75		\$45.75
†84A	4	75		50.00
83D	3	100 or 150		47.25
84D	4	100 or 150		52.00

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.

No. 4111 Design—Brass

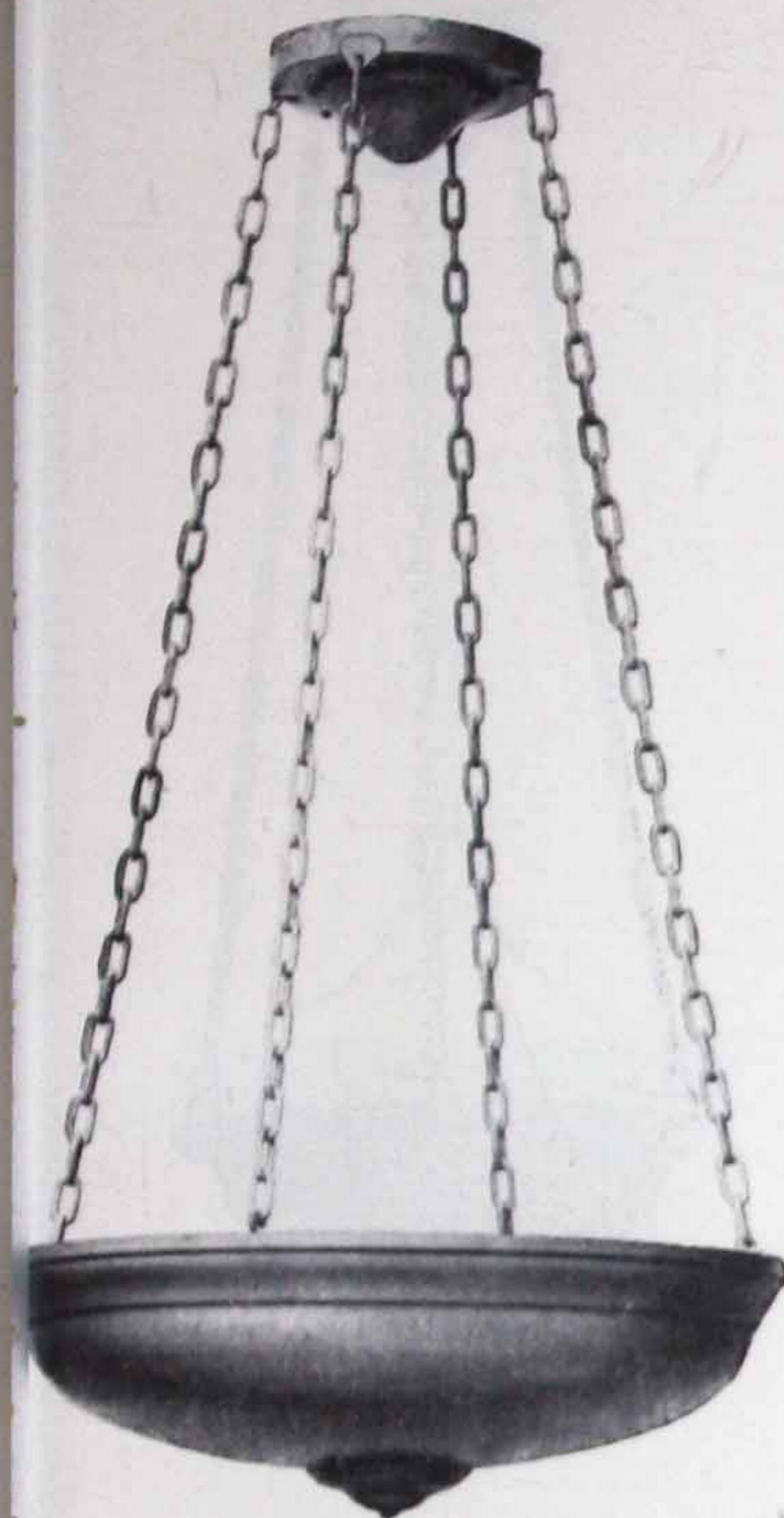
Diameter 18½ inches Depth 7½ inches
Standard Finish: Antique Brass

Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
4111W	1	200		\$38.50
4111M	1	300, 400 or 500		43.25

No. 2762 Design—Steel

Diameter 16 inches Depth 6½ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
†2762A	2	75		\$30.75
†2763A	3	75		35.00
2762D	2	100 or 150		31.75



No. 1073 Design—Steel

Diameter 16 inches Depth 6½ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	Type	Size in No. "C"	Lamps	Watts	Price Each
†2362A	2	75			\$27.25
†2363A	3	75			31.50
2362D	2	100 or 150			28.25
Above Bowl has Three Chain Suspension.					
Diameter 20 inches Depth 6½ inches					
†1073A	3	75			\$36.00
†1074A	4	75			40.25
1073D	3	100 or 150			37.50
1074D	4	100 or 150			42.25

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.

No. 3111 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	Type	Size in No. "C"	Lamps	Watts	Price Each
3111W	1	200			\$29.50
3111M	1	300, 400 or 500			34.25

No. 3013 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	Type	Size in No. "C"	Lamps	Watts	Price Each
†3013A	3	75			\$35.75
†3014A	4	75			40.00
3013D	3	100 or 150			37.25
3014D	4	100 or 150			42.00
*3011W	1	200			30.75
*3011M	1	300, 400 or 500			35.50



No. 83 Design—Brass

Diameter 14 inches Depth 4 $\frac{3}{4}$ inches
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†72A	2	75			\$40.00
†73A	3	75			44.25
72D	2	100 or 150			41.00

Above fixture has Three Chain Suspension.
Diameter 18 $\frac{1}{2}$ inches Depth 6 inches

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†83A	3	75			\$45.75
†84A	4	75			50.00
83D	3	100 or 150			47.25
84D	4	100 or 150			52.00

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.



No. 4111 Design—Brass

Diameter 18 $\frac{1}{4}$ inches Depth 7 $\frac{1}{4}$ inches
Standard Finish: Antique Brass

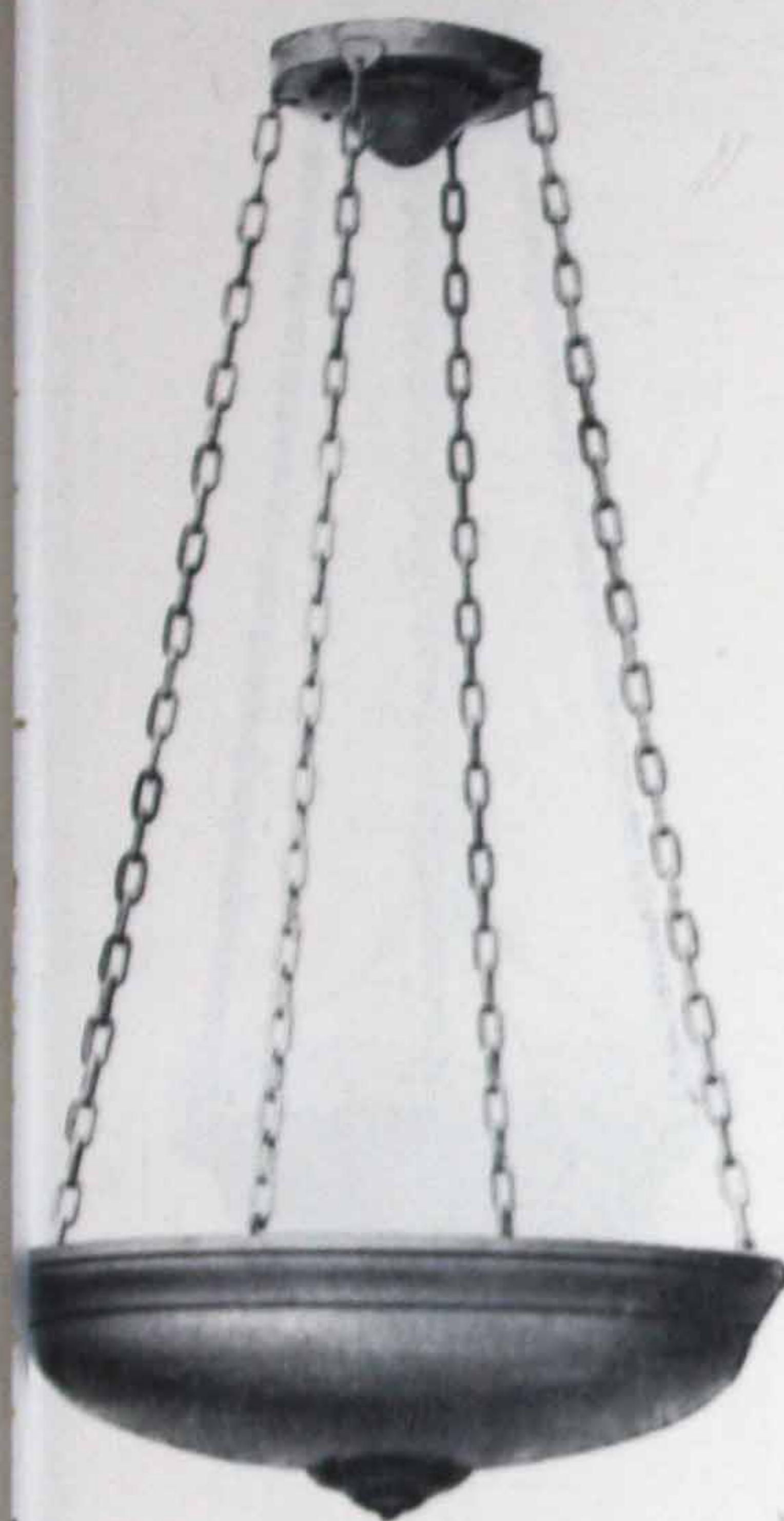
Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
4111W	1	200			\$38.50
4111M	1	300, 400 or 500			43.25



No. 2762 Design—Steel

Diameter 16 inches Depth 6 $\frac{1}{2}$ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†2762A	2	75			\$30.75
†2763A	3	75			35.00
2762D	2	100 or 150			31.75



No. 1073 Design—Steel

Diameter 16 inches Depth 6½ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
†2362A	2	75	28.25	\$27.25
†2363A	3	75	31.50	
2362D	2	100 or 150	28.25	
Above Bowl has Three Chain Suspension.				
Diameter 20 inches				Depth 6½ inches
†1073A	3	75	37.50	\$36.00
†1074A	4	75	42.25	40.25
1073D	3	100 or 150	37.50	
1074D	4	100 or 150	42.25	

Add \$5.00 if wanted equipped with Electrolite Pull Switch described on Page 5.

No. 3111 Design—Steel

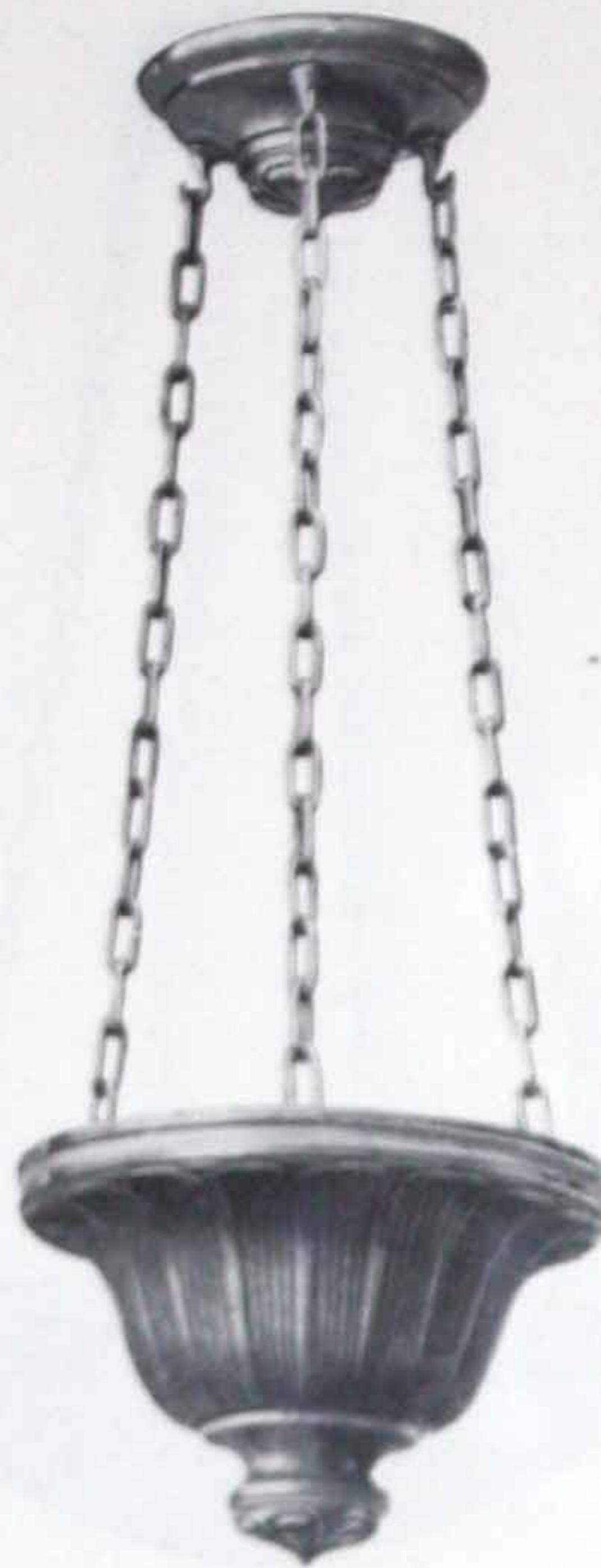
Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
3111W	1	200	34.25	\$29.50
3111M	1	300, 400 or 500		

No. 3013 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

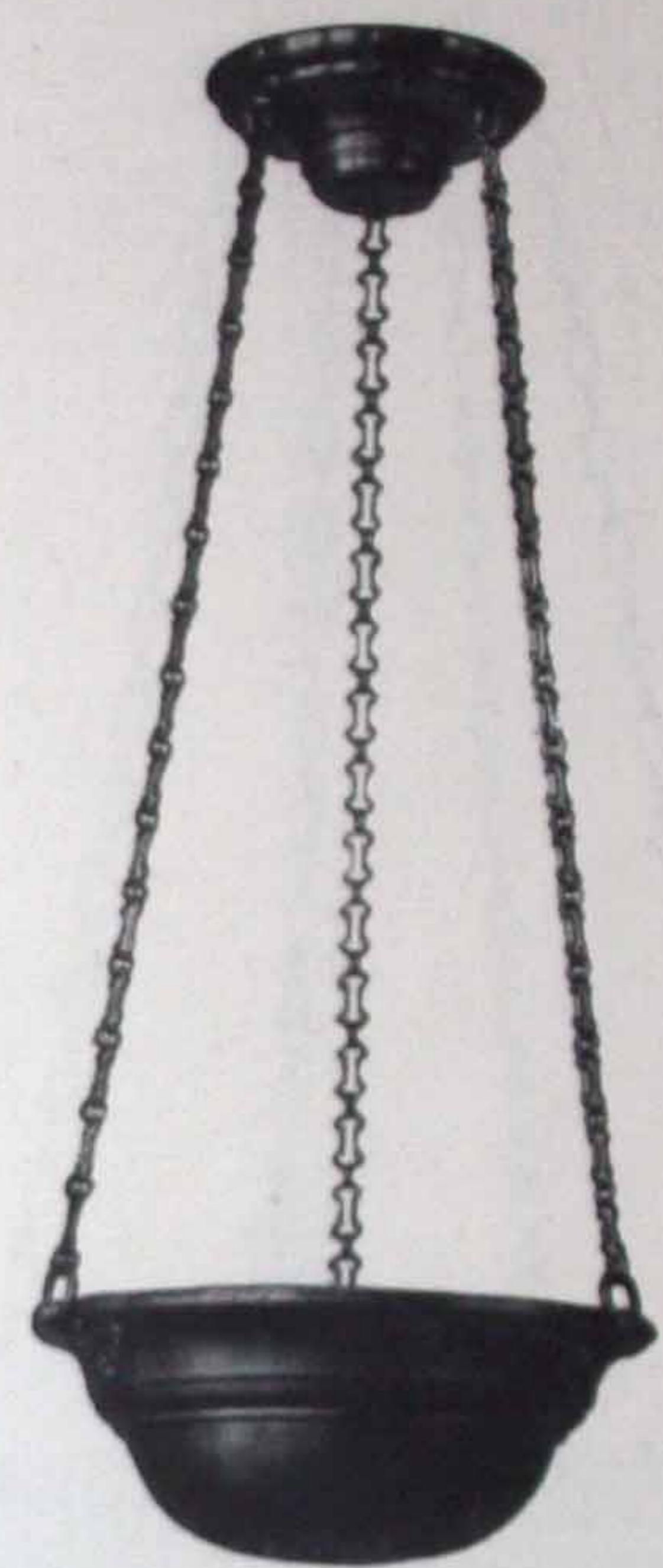
Catalog No.	Type	Size in "C" Lamps	Watts	Price Each
3013A	3	75	37.25	\$35.75
3014A	4	75	42.00	40.00
3013D	3	100 or 150	37.25	
3014D	4	100 or 150	42.00	
*3011W	1	200	30.75	
*3011M	1	300, 400 or 500	35.50	



No. 31 Design—Brass
 Diameter 13 inches Depth 8 inches
 Standard Finish: Sand Blast with Brushed Brass High Lights
 Catalog No. of Type Size in
 No. "C" Lamps Watts Price
 31J 1 100 or 150 \$26.50
 31K 1 200 26.50



No. 3321 Design—Brass
 Diameter 14 inches Depth 8 inches
 Standard Finish: Brushed Brass
 Catalog No. of Type Size in
 No. "C" Lamps Watts Price
 3321V 1 100 or 150 \$25.75
 3321W 1 200 25.75
 3321M 1 300 31.25



No. 961 Design—Brass
 Diameter 14 inches Depth 6 inches
 Standard Finish: Brushed Brass
 Catalog No. of Type Size in
 No. "C" Lamps Watts Price
 961D 1 100 or 150 \$27.25
 961F 1 200 27.75
 962A 2 75 31.75
 971D 1 100 or 150 22.75
 971F 1 200 23.25
 972A 2 75 27.25

¹Fixture Furnished with Oval Link Chain instead of fancy chain shown.





No. 241 Design—Brass

Diameter 9 $\frac{3}{4}$ inches Depth 5 $\frac{3}{4}$ inches
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
181V	1	100 or 150		\$15.25
181W	1	200		15.25
Diameter 12 $\frac{3}{4}$ inches		Depth 6 $\frac{3}{4}$ inches		
211V	1	100 or 150		\$19.75
211W	1	200		19.75
211M	1	300		24.50
Diameter 14 $\frac{3}{4}$ inches		Depth 8 $\frac{3}{4}$ inches		
241W	1	200		\$22.50
241M	1	300, 400 or 500		28.00

No. 1162 Design—Steel

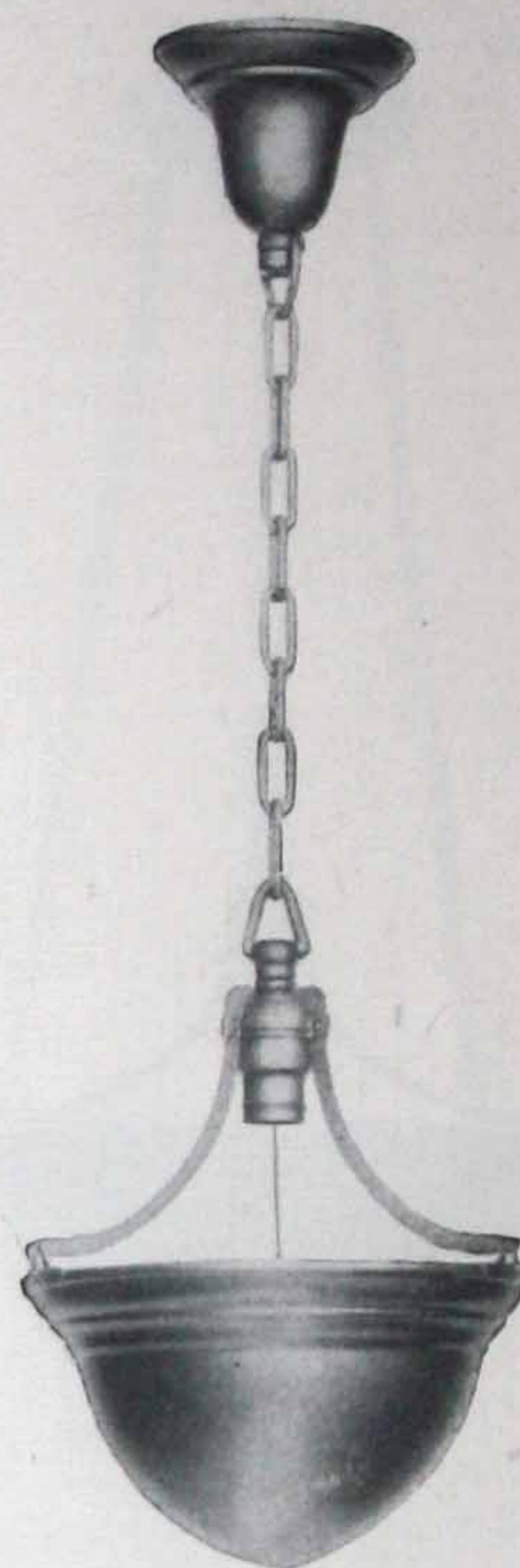
Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
†1162A	2		75	\$24.00
1161D	1	100 or 150		19.50
1161F	1	200		20.00
*1161W	1	200		23.25
*1161M	1	300, 400 or 500		28.00
Diameter 19 inches		Depth 7 $\frac{3}{4}$ inches		
†2383A	3		75	\$32.75
†2384A	4		75	37.00
2383D	3	100 or 150		34.25
*2381W	1	200		27.75
*2381M	1	300, 400 or 500		32.50
*2381E	1	750 or 1000		37.00

No. 3681 Design—Brass

Diameter 13 inches Depth 8 inches
Standard Finish: Sand Blast with Brushed
Brass High Lights

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
3681V	1	100 or 150		\$22.75
3681W	1	200		22.75



No. 1321 Design—Steel

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No. of Type			Size in	Price
No.	"C"	Lamps	Watts	Each
1321V	1	100 or 150	\$17.75	
1321W	1	200	17.75	
1321M	1	300, 400 or 500	23.25	

No. 2281 Design—Brass

Standard Finish: Brushed Brass

No.	"C"	Lamps	Watts	Price
2281V	1	100 or 150	\$19.75	
2281W	1	200	19.75	
2281M	1	300, 400 or 500	25.25	

No. 121 Design—Brass

Diameter 11 inches Depth 10 inches
Standard Finish: Brushed Brass

No.	"C"	Lamps	Watts	Price
121J	1	100 or 150	\$37.50	
§121K	1	200	37.50	
Diameter 15½ inches			Depth 11 inches	
§131L	1	300, 400 or 500	43.50	

No. 2271 Design—Steel

Diameter 9¾ inches Depth 5¾ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

No.	"C"	Lamps	Watts	Price
2271V	1	100 or 150	\$13.25	
2271W	1	200	13.25	
Diameter 12½ inches			Depth 6½ inches	
1841V	1	100 or 150	\$17.50	
1841W	1	200	17.50	
1841M	1	300	22.25	
Diameter 14½ inches			Depth 8½ inches	
2351W	1	200	\$19.25	
2351M	1	300, 400 or 500	24.75	



No. 1831 Design—Steel

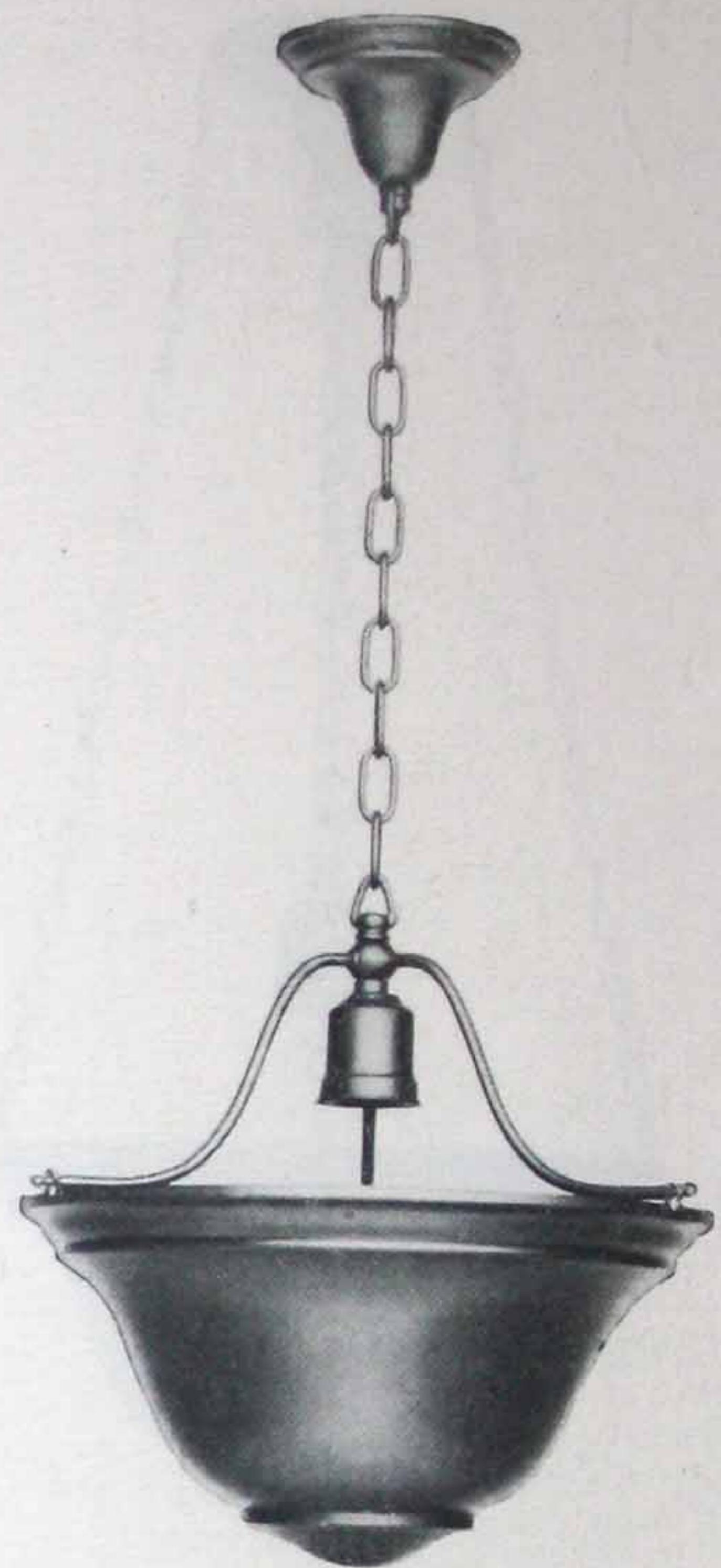
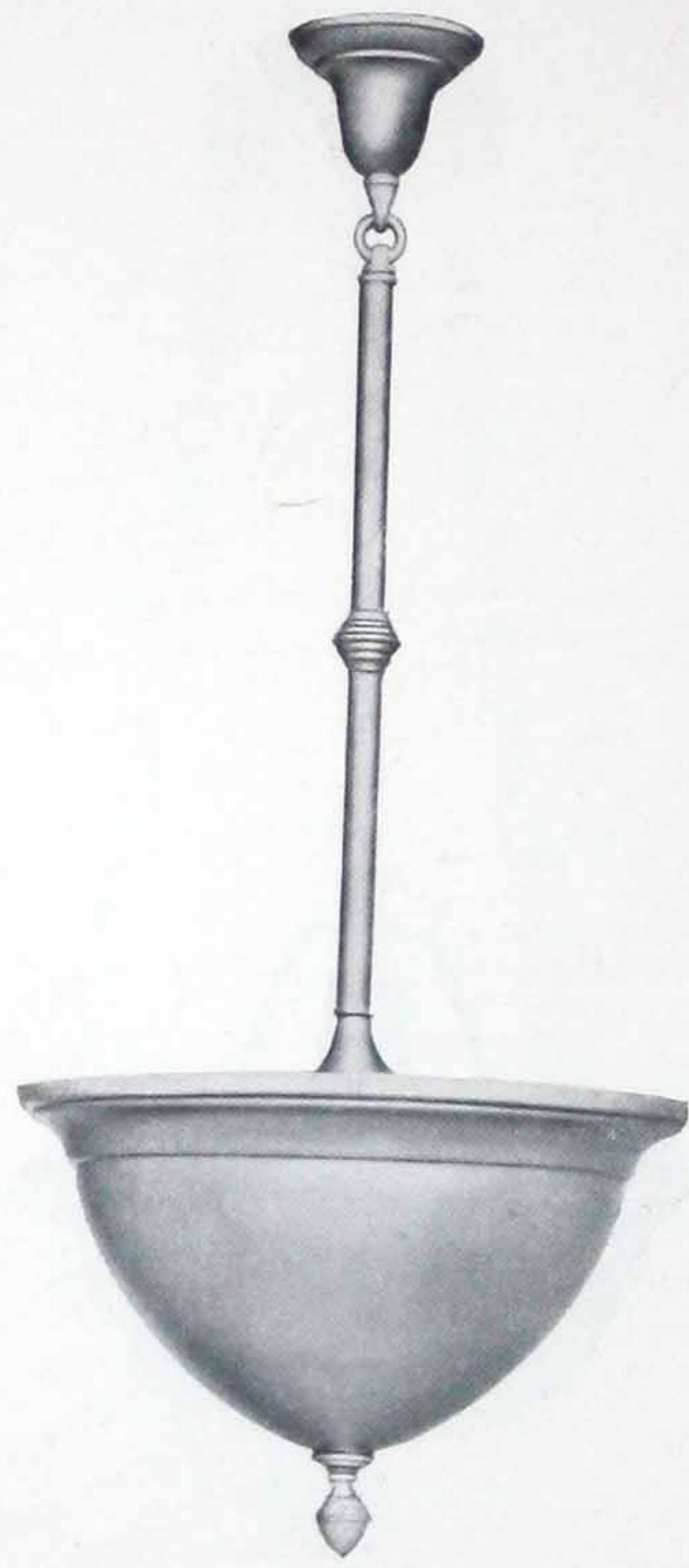
Diameter 18½ inches	Depth 9½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze	
Catalog No. of Type Size in No. "C" Lamps	Price Watts
1831W 1 200	\$22.00
1831M 1 300, 400 or 500	26.75
1831E 1 750 or 1000	31.25

No. 1951 Design—Steel

Diameter 19 inches	Depth 7½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze	
Catalog No. of Type Size in No. "C" Lamps	Price Watts
1951W 1 200	\$25.25
1951M 1 300, 400 or 500	30.00
1951E 1 750 or 1000	34.50

No. 1221 Design—Steel

Diameter 18½ inches	Depth 9½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze	
Catalog No. of Type Size in No. "C" Lamps	Price Watts
1221W 1 200	\$22.00
1221M 1 300, 400 or 500	26.75
1221E 1 750 or 1000	31.25



No. 151 Design—Steel

Diameter 18½ inches Depth 13 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
\$151K	1	200		\$19.00
§151L	1	300, 400 or 500		23.75
*151W	1	200		22.00
*151M	1	300, 400 or 500		26.75
*151E	1	750 or 1000		31.25

No. 3673 Design—Steel

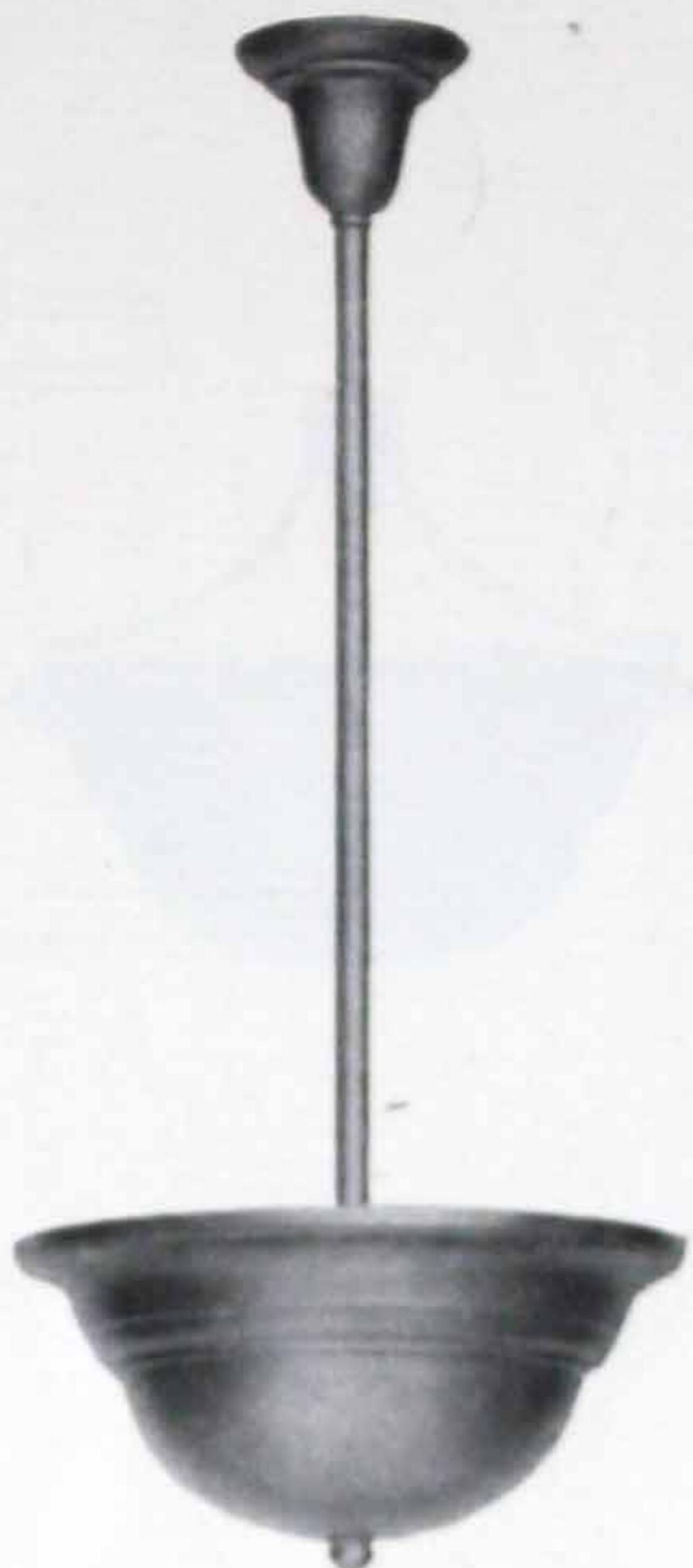
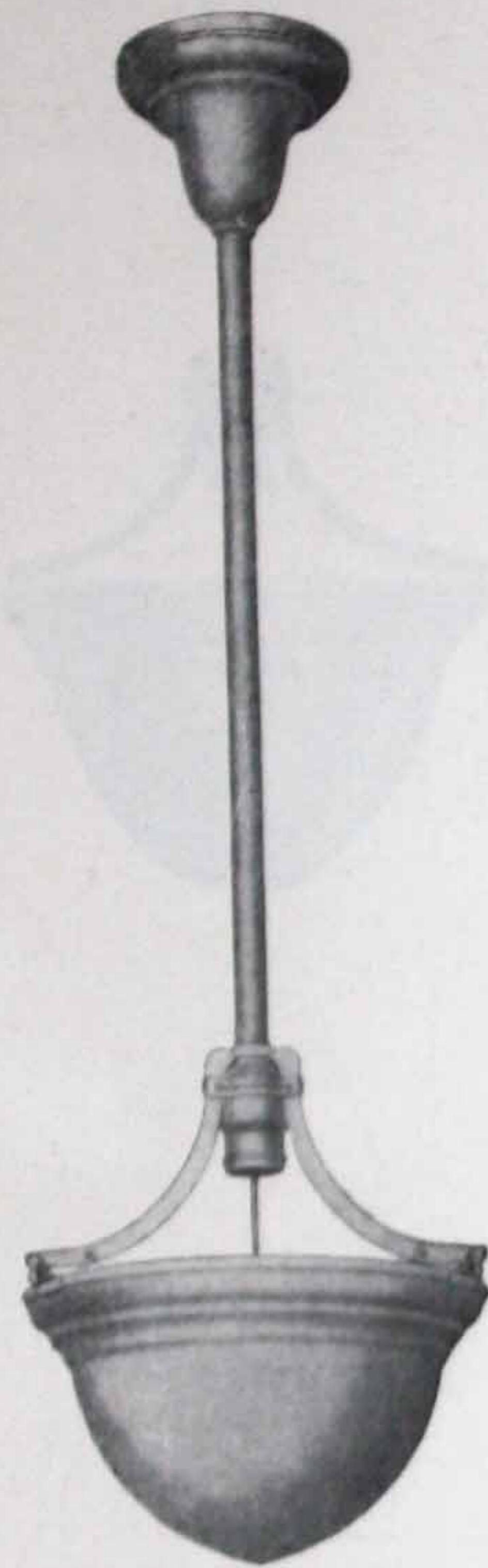
Diameter 18 inches Depth 12 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
3673A	3	75		\$39.00
3674A	4	75		43.25
3673D	3	100 or 150		40.50
3674D	4	100 or 150		45.25

No. 1801 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in	Price
		"C" Lamps	Watts	Each
1801W	1	200		\$22.00
1801M	1	300, 400 or 500		26.75
1801E	1	750 or 1000		31.25



No. 941 Design—Steel

Diameter 9 $\frac{3}{4}$ inches		Depth 5 $\frac{3}{4}$ inches
Standard Finish: (Washable) Flat White		
Catalog No. of Type Size in No. "C" Lamps		Price Watts Each
941V	1	100 or 150 \$14.50
941W	1	200 14.50
Diameter 12 $\frac{1}{4}$ inches		Depth 6 $\frac{3}{4}$ inches
4121W	1	200 \$18.75
4121M	1	300 23.50

No. 983 Design—Steel

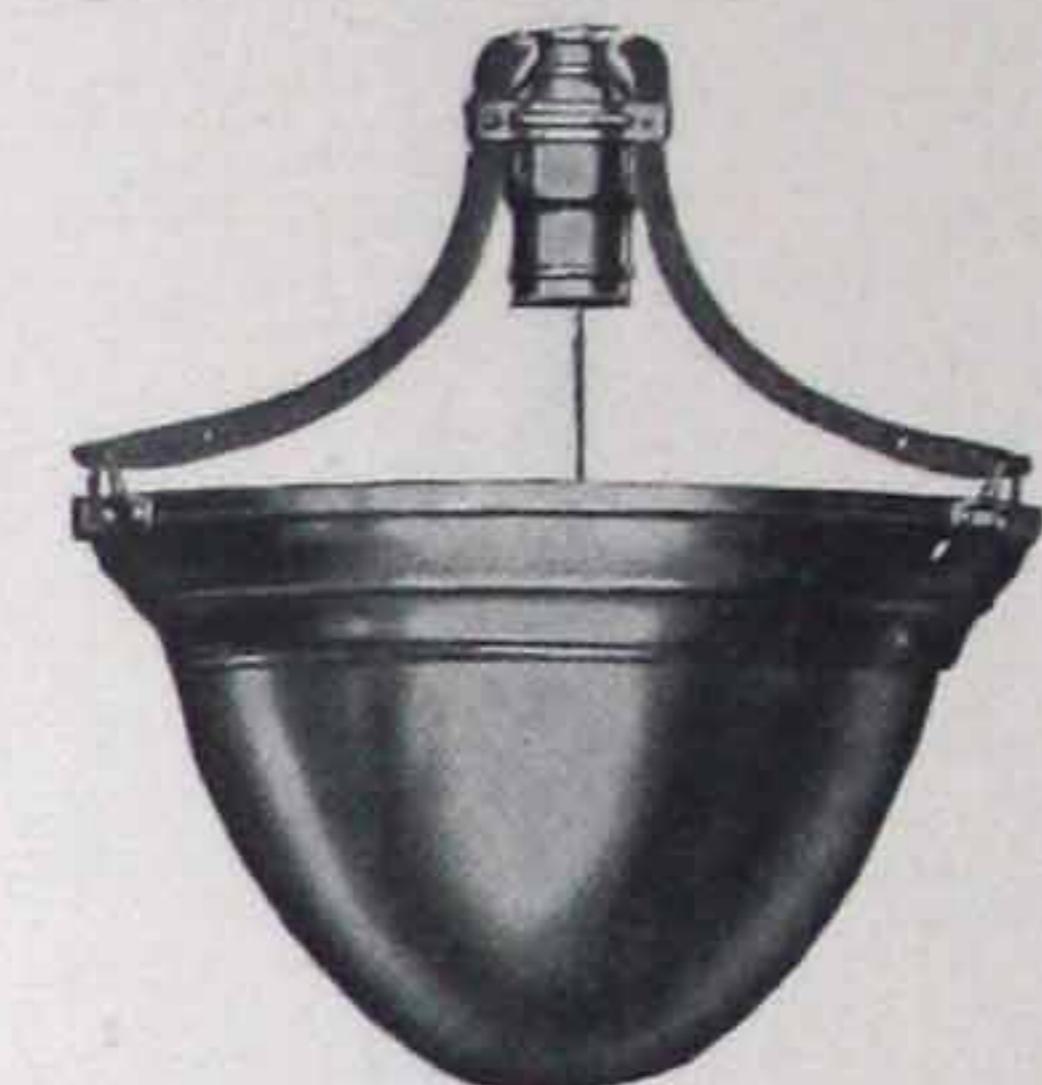
Diameter 16 inches		Depth 6 inches
Standard Finish: (Washable) Flat White		
Catalog No. of Type Size in No. "C" Lamps		Price Watts Each
†2342A	2	75 \$29.75
†2343A	3	75 34.00
2342D	2	100 or 150 30.75
Diameter 20 inches		Depth 6 $\frac{3}{4}$ inches
†983A	3	75 \$37.75
†984A	4	75 42.00
983D	3	100 or 150 39.25
984D	4	100 or 150 44.00

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.

No. 1332 Design—Steel

Diameter 14 inches		Depth 6 inches
Standard Finish: (Washable) Flat White		
Catalog No. of Type Size in No. "C" Lamps		Price Watts Each
†1332A	2	75 \$28.00

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.



No. 1711 Design—Steel				
Bowl, Reflector and Supporting Arms Only				
Diameter 14 inches		Depth 6 inches		
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze				
<i>Catalog No.</i> of Type Size in No. "C" Lamps Watts	Price Each			
1711V 1 100 or 150	\$12.00			
1711W 1 200	12.00			
1711M 1 300, 400 or 500	16.00			

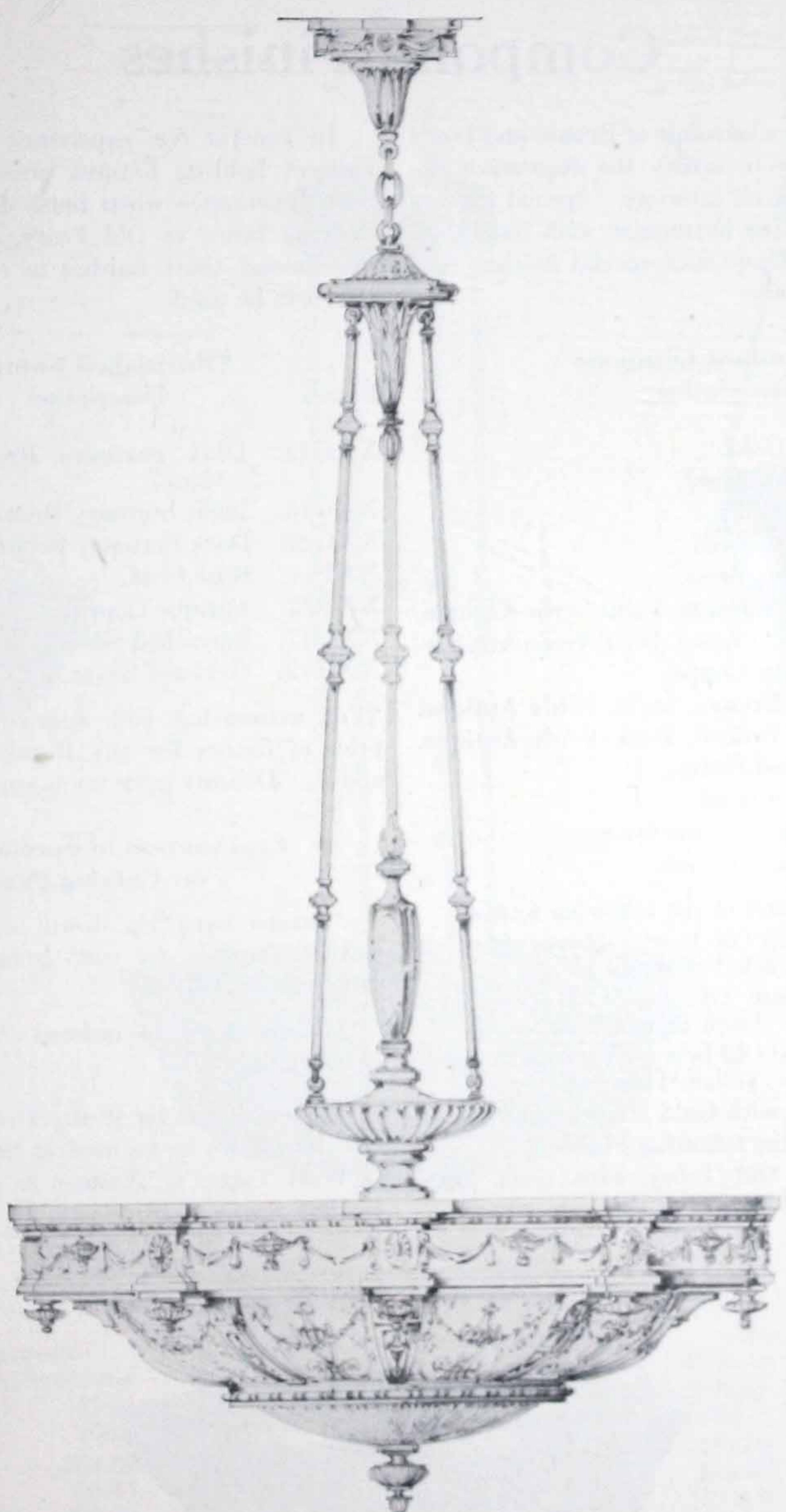
No. 2481 Design—Brass				
Standard Finish: Brushed Brass				
2481V 1 100 or 150	\$14.00			
2481W 1 200	14.00			
2481M 1 300, 400 or 500	18.00			

No. 1721 Design—Brass				
Bowl, Reflector and Supporting Arms Only				
Diameter 9 3/4 inches		Depth 5 3/4 inches		
Standard Finish: Brushed Brass				
<i>Catalog No.</i> of Type Size in No. "C" Lamps Watts	Price Each			
191V 1 100 or 150	\$9.50			
191W 1 200	9.50			
Diameter 12 1/4 inches		Depth 6 1/8 inches		
221V 1 100 or 150	\$14.00			
221W 1 200	14.00			
221M 1 300	17.25			
Diameter 14 1/4 inches		Depth 8 1/4 inches		
1721W 1 200	\$16.75			
1721M 1 300, 400 or 500	20.75			

No. 901 Design—Steel				
Bowl, Reflector and Supporting Arms Only				
Diameter 9 3/4 inches		Depth 5 3/4 inches		
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze				
<i>Catalog No.</i> of Type Size in No. "C" Lamps Watts	Price Each			
901V 1 100 or 150	\$7.50			
901W 1 200	7.50			
Diameter 12 1/4 inches		Depth 6 1/8 inches		
1691V 1 100 or 150	\$11.75			
1691W 1 200	11.75			
1691M 1 300	15.00			
Diameter 14 1/4 inches		Depth 8 1/4 inches		
2371W 1 200	\$13.50			
2371M 1 300, 400 or 500	17.50			

COMPONE FIXTURES

SECTION THREE



Our competent designing staff and our efficient engineering department co-operate with the buyer of illumination to render a lighting service at once perfect and complete.

Compone Finishes

We list below a schedule of Bronze and Ivory finishes adequate to satisfy the decorative demands of 90% of all interiors. Special finishes can be produced to harmonize with individual color schemes. Upon such special finishes quotations will be made.

Standard Compone

Finish No.	Description.
A14.	Rose Gold.
A15.	Medium Gold.
A17.	Dark Gold.
A22.	Antique Gold.
C22.	Antique Brass.
D10.	Copper Bronze, Light Verde Antique.
D12.	Copper Bronze, Dark Verde Antique.
D22.	Antique Copper.
E10.	Gold Bronze, Light Verde Antique.
E12.	Gold Bronze, Dark Verde Antique.
M.	Brushed Brass.
P15.	Roman Gold.
R22.	Antique Copper Bronze.
T42.	Statuary Bronze.

Add 10% for any of the following finishes:

- 27-15. Medium Old Ivory—Heavy Shading
—Dark Yellow Tone.
- 27-32. Standard Old Ivory—Heavy Shading—Dark Brown Tone.
- 4047S. Special Old Ivory—Very Light Shading—Yellow Tone.
- 27HL. Ivory with Gold High Lights.

Add 15% for the following Finish:

- 27-15HL. Rich Old Ivory with Gold High Lights.

Burnished Compone

Finish No.	Description
XXG12.	Dark Statuary Bronze, Verde Antique.
XXG15.	Light Statuary Bronze. *
XXG22.	Dark Statuary Bronze.
XXP14.	Rose Gold.
XXR22.	Antique Copper.
XXH17.	Tarnished Silver.
XXH22.	Oxidized Silver.

*For estimating add approximately 40% to price of fixture for any Burnished finish listed above. Definite price upon application.

Explanation of Special Marks on Catalog Pages

*Lamps hang tip down, suspended on an additional chain (or rod) from Canopy. Not shown in illustration.

§Lamps must be ordered "Special" for tip up burning.

†Specify on order if 40, 50 or 60 watt type "B" lamps are to be used in fixtures listed for 75 Watt Type "C" Lamps, as special reflector holders are required.





No. 3422 Design—Compone

Diameter 16 inches		Depth 8 inches	
Catalog No.	No. "C" Lamps	Type Size in Watts	Price Each
†3422A	2	75	\$62.00
†3423A	3	75	66.25
3422D	2	100 or 150	63.00
Diameter 23 inches		Depth 9 inches	
3432D	2	100 or 150	\$75.00
3433D	3	100 or 150	79.75
3434D	4	100 or 150	84.50
4-Rod Suspension			

No. 2154 Design—Compone

Diameter 30 inches		Depth 12 inches	
Catalog No.	No. "C" Lamps	Type Size in Watts	Price Each
2154J	4	100 or 150	\$108.00
2155J	5	100 or 150	114.25
§2154K	4	200	108.00
§2155K	5	200	114.25
Diameter 42 inches		Depth 18 inches	
§3413L	3	300, 400 or 500	\$158.00
§3414L	4	300, 400 or 500	169.50
§3415L	5	300, 400 or 500	181.00
§3416L	6	300, 400 or 500	192.50
6-Rod Suspension			

No. 1942 Design—Compone

Diameter 21 inches		Depth 12½ inches	
Catalog No.	No. "C" Lamps	Type Size in Watts	Price Each
1942D	2	100 or 150	\$70.00
1943D	3	100 or 150	74.75
*1941W	1	200	68.25
*1941M	1	300, 400 or 500	73.00
4-Rod Suspension			



No. 3242 Design—Compone

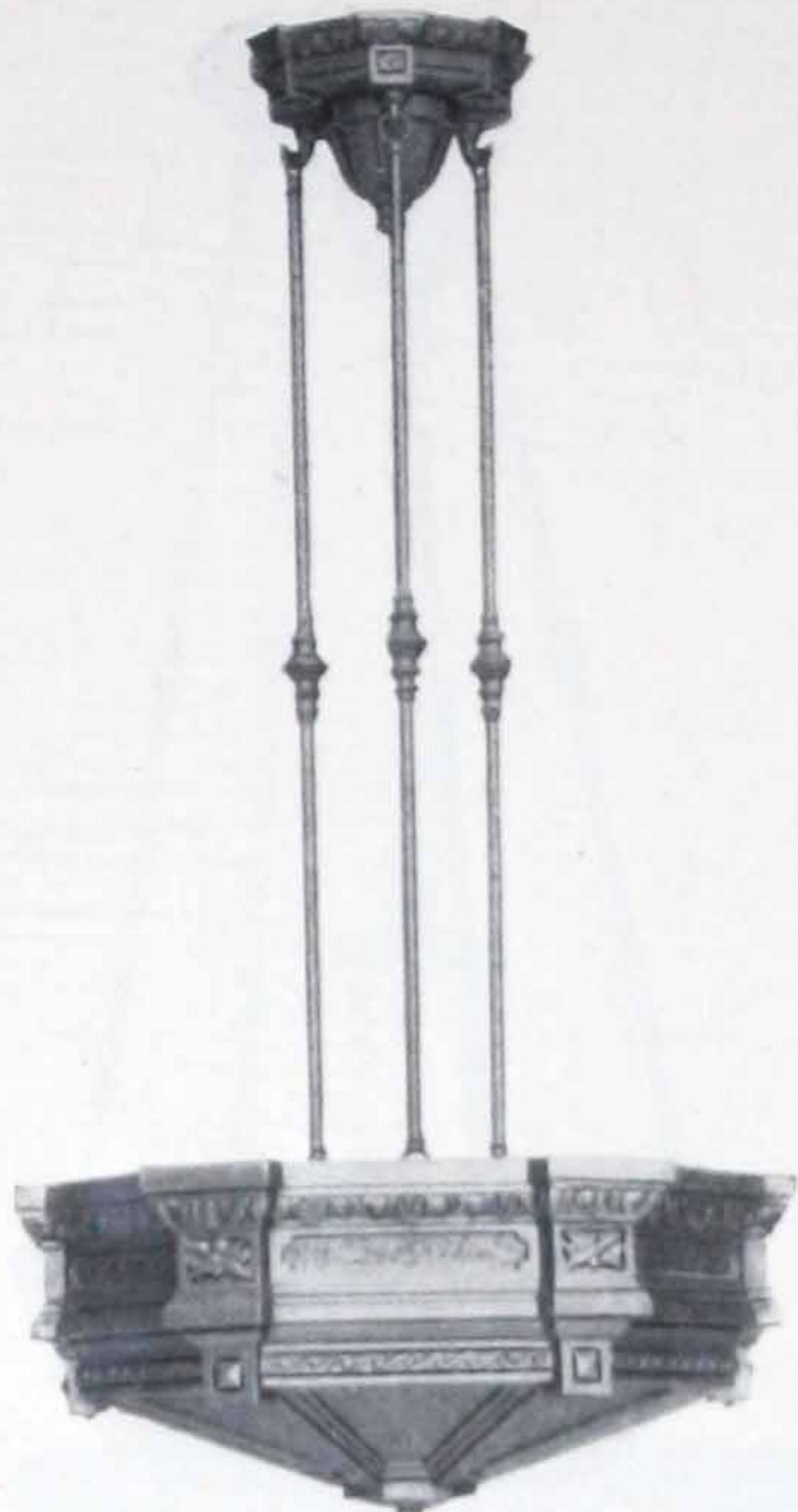
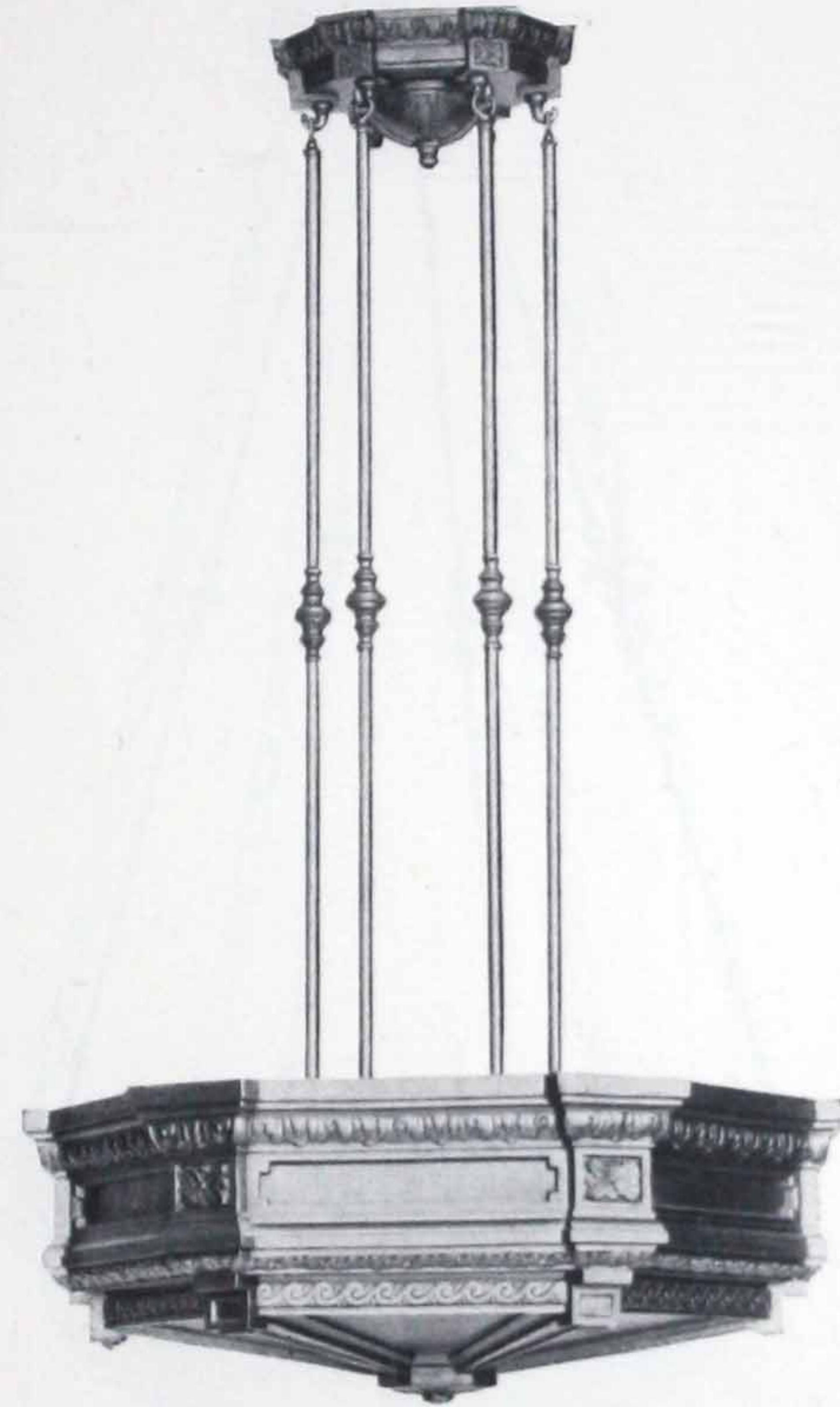
Diameter 16 inches		Depth 9 inches	
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
†3242A	2	75	\$49.75
†3243A	3	75	54.00
3242D	2	100 or 150	50.75
Diameter 22 inches		Depth 13½ inches	
†3253A	3	75	\$63.50
†3254A	4	75	67.75
3253D	3	100 or 150	65.00
3254D	4	100 or 150	69.75

No. 374 Design—Compone

Diameter 35½ inches		Depth 21¼ inches	
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
§374K	4	200	\$96.00
§375K	5	200	102.25
§373L	3	300, 400 or 500	105.00
*371E	1	750 or 1000	90.25
Diameter 42½ inches		Depth 24¼ inches	
§385K	5	200	\$125.75
§386K	6	200	132.00
§384L	4	300, 400 or 500	140.00
§385L	5	300, 400 or 500	151.50
§386L	6	300, 400 or 500	163.00
*381E	1	750 or 1000	113.75

No. 1631 Design—Compone

Diameter 16 inches		Depth 9 inches	
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
2092A	2	75	\$49.75
2093A	3	75	54.00
2091V	1	100 or 150	49.00
2091W	1	200	49.00
Diameter 22 inches		Depth 13½ inches	
1631W	1	200	\$60.00
1631M	1	300, 400 or 500	64.75
1631E	1	750 or 1000	69.25



No. 3502 Design—Compone			
Diameter 16 inches		Depth 6 inches	
Catalog No.	No. "C" Lamps	Type Size in Watts	Price Each
3502A	2	75	\$46.50
3503A	3	75	50.75
3502D	2	100 or 150	47.50
Diameter 18 inches		Depth 7½ inches	
3513A	3	75	\$57.75
3514A	4	75	62.00
3512D	2	100 or 150	54.50
3513D	3	100 or 150	59.25
Metal Canopy Used			

No. 2503 Design—Compone			
Diameter 30 inches		Depth 11 inches	
Catalog No.	No. "C" Lamps	Type Size in Watts	Price Each
2504J	4	100 or 150	\$108.00
2505J	5	100 or 150	114.25
2504K	4	200	108.00
2505K	5	200	114.25
Diameter 42 inches		Depth 18 inches	
4133L	3	300, 400 or 500	\$158.00
4134L	4	300, 400 or 500	169.50
4135L	5	300, 400 or 500	181.00
4136L	6	300, 400 or 500	192.50
6-Rod Suspension			

No. 3442 Design—Compone			
Diameter 20 inches		Depth 9 inches	
Catalog No.	No. "C" Lamps	Type Size in Watts	Price Each
3442A	2	75	\$70.75
3443A	3	75	75.00
3442D	2	100 or 150	71.75
3443D	3	100 or 150	76.50

3-Rod Suspension



No. 2733 Design—Compone

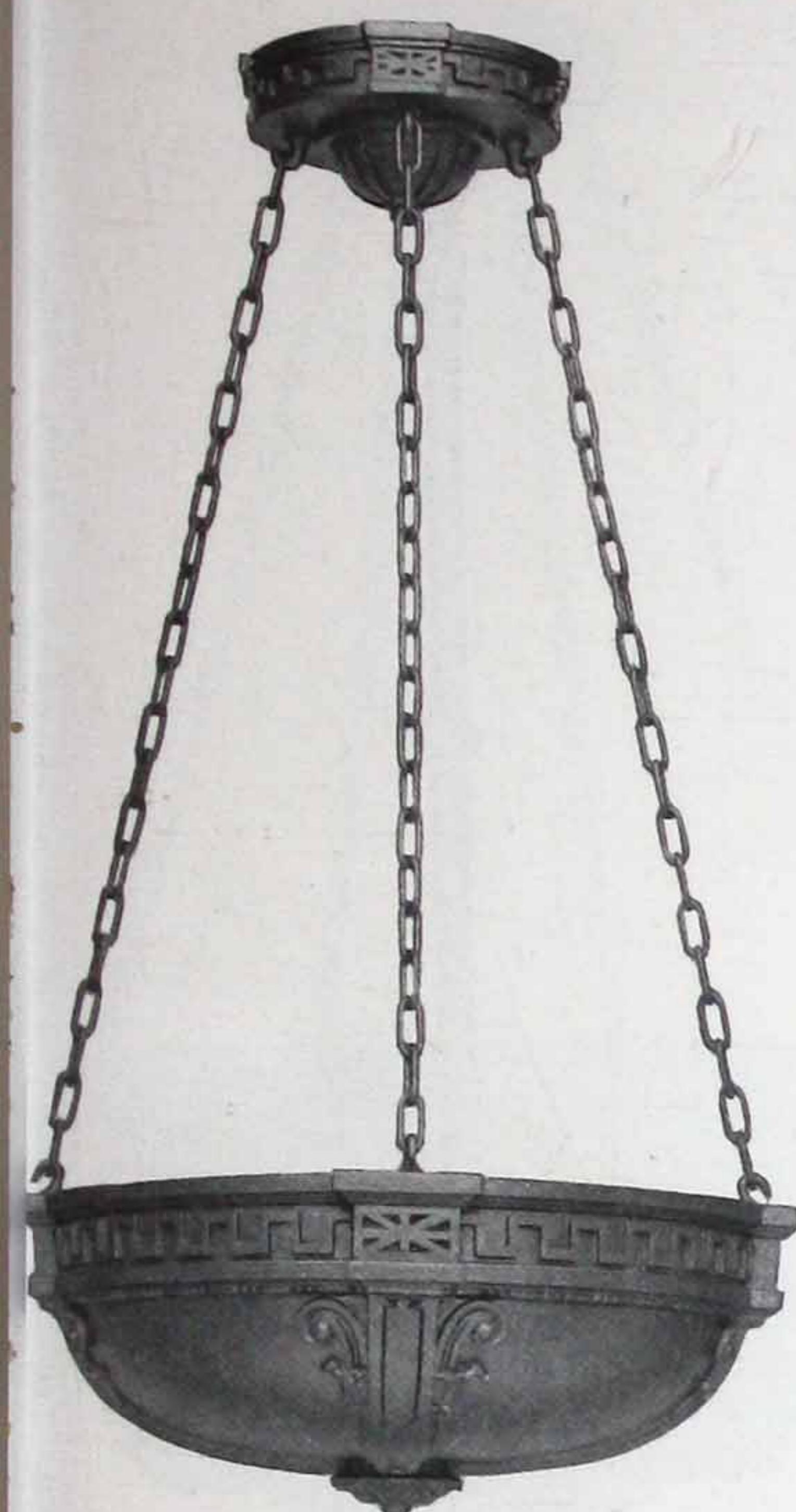
	Diameter 20 inches	Depth 8 inches	Catalog No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each		
2733A	3	75	\$70.25		
2734A	4	75	74.50		
2732D	2	100 or 150	67.00		
2733D	3	100 or 150	71.75		
*2731W	1	200	65.25		
*2731M	1	300, 400 or 500	70.00		

No. 2723 Design—Compone

	Diameter 42 inches	Depth 18 inches	Catalog No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each		
§4153L	3	300, 400 or 500	\$155.00		
§4154L	4	300, 400 or 500	166.50		
§4155L	7	300, 400 or 500	178.00		
	Diameter 54 inches	Depth 24 inches			
§2725L	5	300, 400 or 500	\$275.00		
§2726L	6	300, 400 or 500	286.50		
§2727L	7	300, 400 or 500	298.00		
	4-Rod Suspension				

No. 1622 Design—Compone

	Diameter 16 inches	Depth 6 inches	Catalog No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each		
†1622A	2	75	\$47.25		
†1623A	3	75	51.50		
1621D	1	100 or 150	42.75		
§1621F	1	200	43.25		
1622D	2	100 or 150	48.25		
*1621W	1	200	46.50		
	Above Bowl has 3-Chain Suspension				
	Diameter 18 inches	Depth 7½ inches			
†2013A	3	75	\$59.50		
†2014A	4	75	63.75		
2012D	2	100 or 150	56.25		
2013D	3	100 or 150	61.00		
*2011W	1	200	54.50		
*2011M	1	300, 400 or 500	59.25		
	4-Chain Suspension				



No. 2102 Design—Compone

Diameter 16 inches Depth 8 inches
Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

[†]2102A 2 75 \$50.50
[†]2103A 3 75 54.75
2102D 2 100 or 150 51.50

*2101V 1 100 or 150 49.75
*2101W 1 200 49.75

Diameter 23 inches Depth 9 inches
3362D 2 100 or 150 \$63.75

3363D 3 100 or 150 68.50
3364D 4 100 or 150 73.25

*3361W 1 200 62.00
*3361M 1 300, 400 or 500 66.75

4-Chain Suspension

No. 1824 Design—Compone

Diameter 30 inches Depth 12 inches
Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

1824J 4 100 or 150 \$93.50
1825J 5 100 or 150 99.75
§1824K 4 200 93.50

§1825K 5 200 99.75
*1821M 1 300, 400 or 500 83.25

*1821E 1 750 or 1000 87.75

Diameter 42 inches Depth 18 inches
§3373L 3 300, 400 or 500 \$143.50

§3374L 4 300, 400 or 500 155.00
§3375L 5 300, 400 or 500 166.50

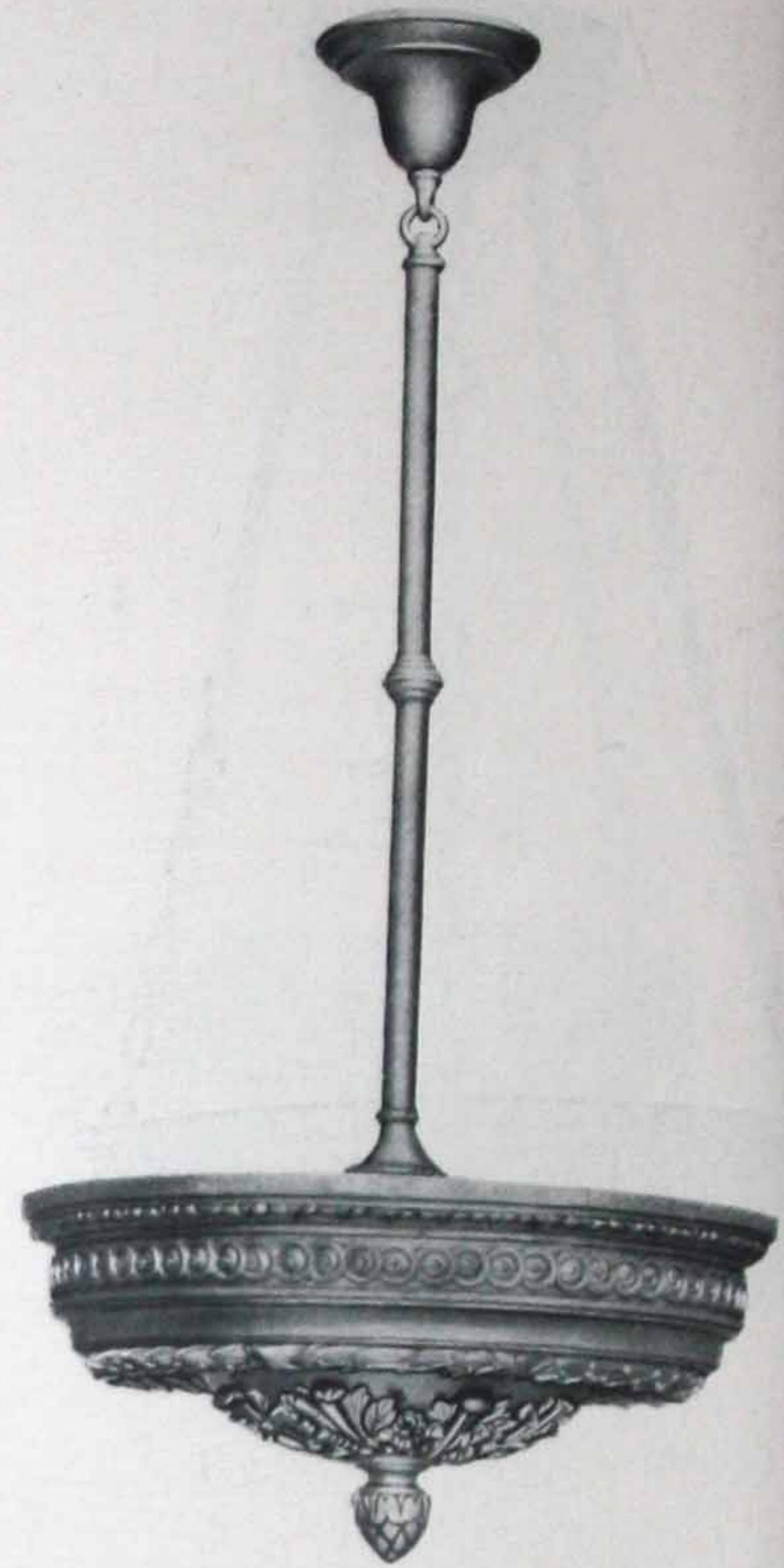
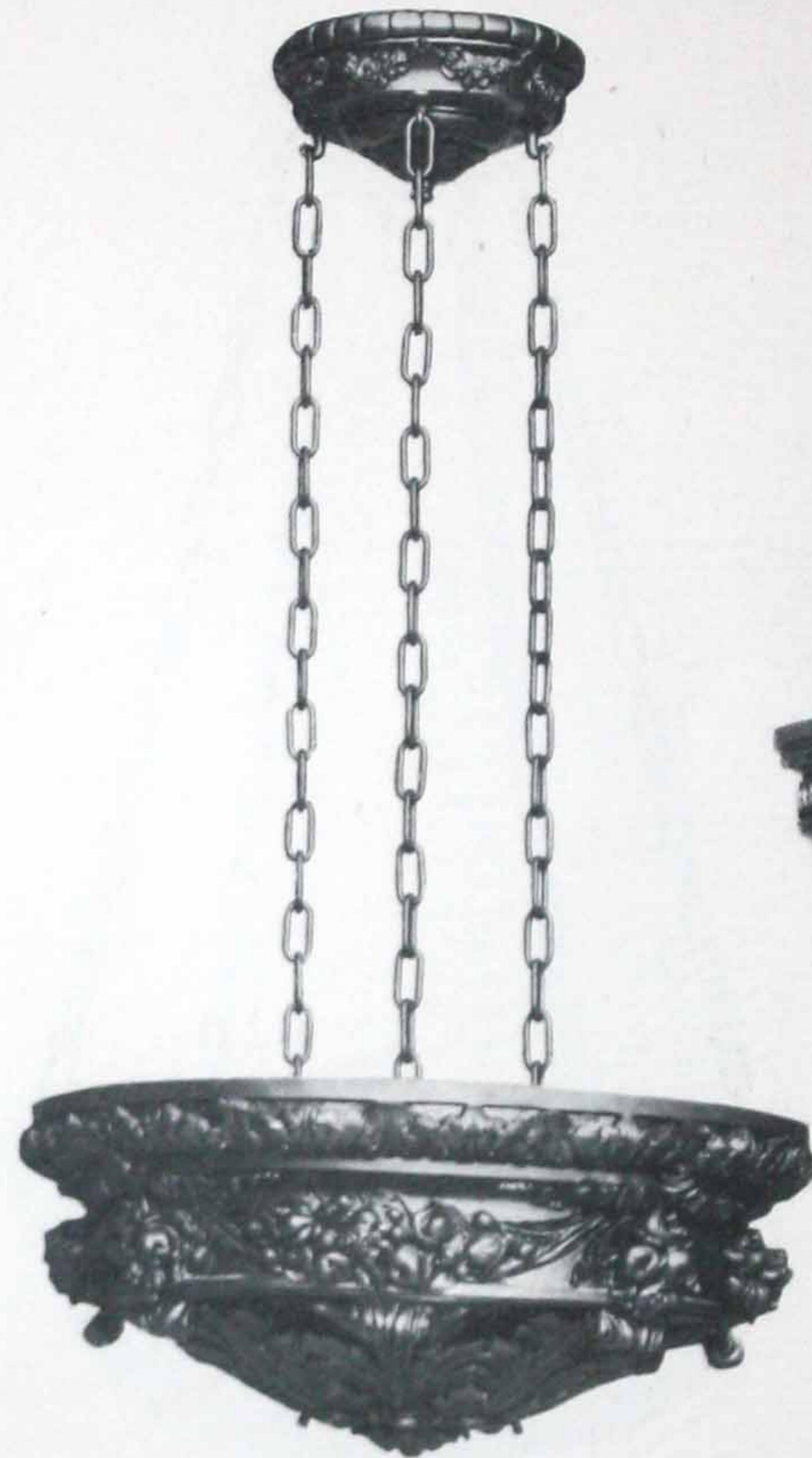
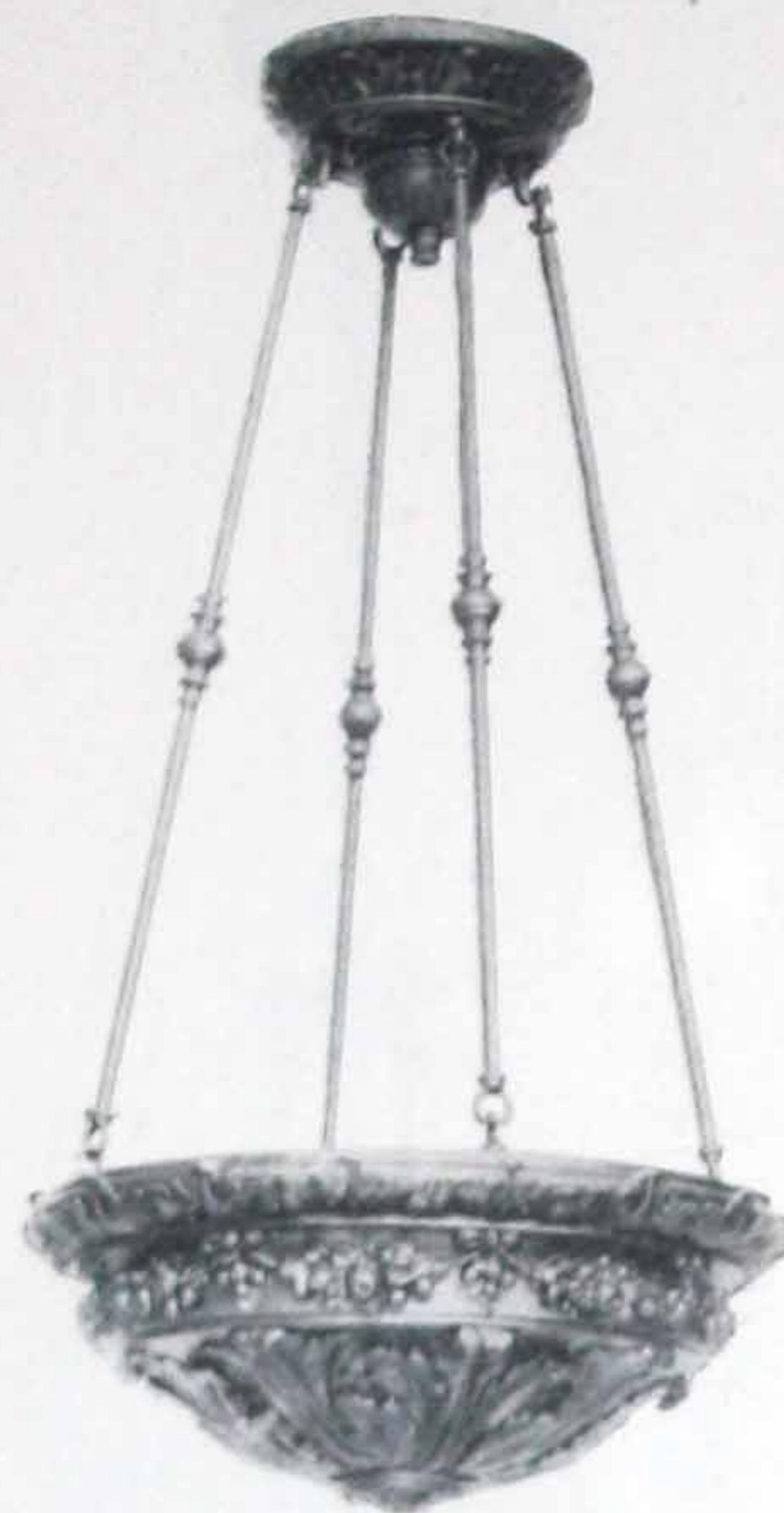
§3376L 6 300, 400 or 500 178.00
*3371E 1 750 or 1000 128.75

6-Chain Suspension

No. 4142 Design—Compone

Diameter 22 inches Depth 9 1/2 inches
Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

4142D 2 100 or 150 \$78.00
4143D 3 100 or 150 82.75
4144D 4 100 or 150 87.50



No. 1742 Design—Compone

	Diameter 17 inches	Depth 6½ inches	
Catalog No.	No. of Type	Size in	Price
	"C" Lamps	Watts	Each
1742A	2	75	\$61.75
1743A	3	75	66.00
1741D	1	100 or 150	57.25
1742D	2	100 or 150	62.75
*1741V	1	100 or 150	61.00
*1741W	1	200	61.00

No. 2904 Design—Compone

	Diameter 30 inches	Depth 12 inches	
Catalog No.	No. of Type	Size in	Price
	"C" Lamps	Watts	Each
2904J	4	100 or 150	\$94.00
2905J	5	100 or 150	10.25
2904K	4	200	94.00
2905K	5	200	100.25

4-Chain Suspension

No. 4162 Design—Compone

	Diameter 22 inches	Depth 9½ inches	
Catalog No.	No. of Type	Size in	Price
	"C" Lamps	Watts	Each
4162D	2	100 or 150	\$55.00
4163D	3	100 or 150	59.75
4164D	4	100 or 150	64.50



No. 524 Design—Compone

	Diameter 24 inches	Depth 8 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†524A	4	75	\$71.00
†525A	5	75	75.25
523D	3	100 or 150	68.25
524D	4	100 or 150	73.00
*521W	1	200	61.75
*521M	1	300, 400 or 500	66.50

No. 534 Design—Compone

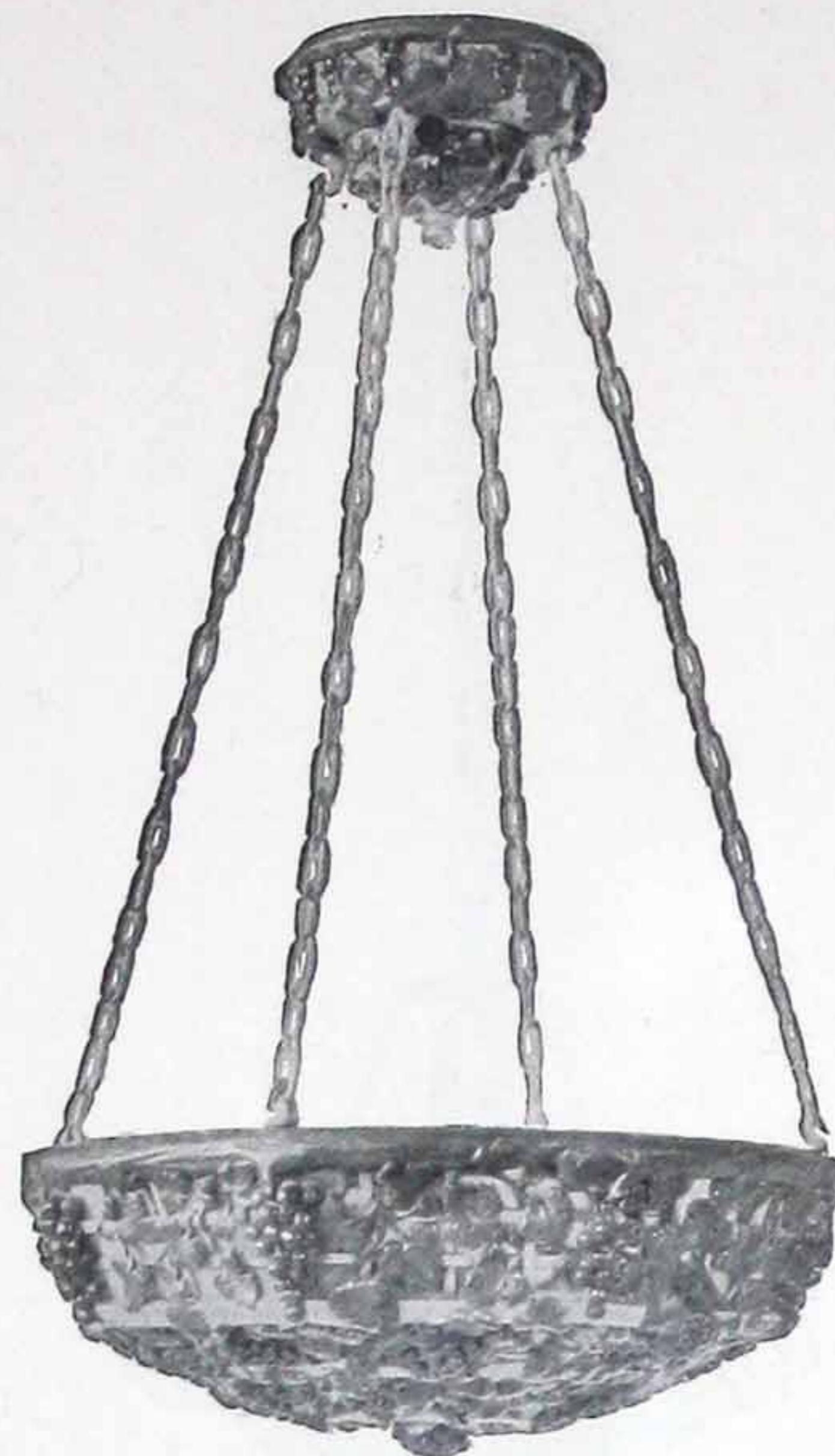
	Diameter 30 inches	Depth 16 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
534J	4	100 or 150	\$86.75
535J	5	100 or 150	93.00
§534K	4	200	86.75
§535K	5	200	93.00
*531M	1	300, 400 or 500	76.50
*531E	1	750 or 1000	81.00

	Diameter 34 inches	Depth 16 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
§545K	5	200	\$96.00
§546K	6	200	102.25
*541E	1	750 or 1000	84.00

No. 2021 Design—Compone

	Diameter 16 inches	Depth 6 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
2541V	1	100 or 150	\$37.50
2541W	1	200	37.50
2541M	1	300, 400 or 500	42.25
		Diameter 18 inches	Depth 7 1/2 inches
2021W	1	200	\$44.50
2021M	1	300, 400 or 500	49.25

Metal Canopy used



No. 933 Design—Compone

	Diameter 22½ inches	Depth 6 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†933A	3	75	\$70.00
†934A	4	75	74.25
932D	2	100 or 150	66.75
933D	3	100 or 150	71.50

Add 40% for the following finishes:
 (A) Butlers Silver with Burnished high lights.
 (B) Old Venetian Gold with Grapes highlighted.
 (C) Natural Colors.

No. 1304 Design—Compone

	Diameter 34 inches	Depth 16 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
1304J	4	100 or 150	\$89.50
1305J	5	100 or 150	95.75
1306J	6	100 or 150	102.00
§1304K	4	200	89.50
§1305K	5	200	95.75
§1306K	6	200	102.00
*1301E	1	750 or 1000	83.75

No. 1353 Design—Compone

	Diameter 24 inches	Depth 9½ inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
1353D	3	100 or 150	\$67.50
1354D	4	100 or 150	72.25
1355D	5	100 or 150	77.00
*1351W	1	200	61.00
*1351M	1	300, 400 or 500	65.75
		4-Chain Suspension	



No. 643 Design—Compone

Diameter 18 inches		Depth 5 inches	
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†1862A	2	75	\$61.50
†1863A	3	75	65.75
1862D	2	100 or 150	62.50
Diameter 24 inches		Depth 5 inches	
†643A	3	75	\$74.25
†644A	4	75	78.50
†645A	5	75	82.75
643D	3	100 or 150	75.75
644D	4	100 or 150	80.50

No. 454 Design—Compone

Diameter 26 $\frac{3}{4}$ inches		Depth 11 $\frac{3}{4}$ inches	
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
443J	3	100 or 150	\$78.00
§443K	3	200	78.00
*441M	1	300, 400 or 500	74.00
*441E	1	750 or 1000	78.50
Diameter 30 $\frac{1}{4}$ inches		Depth 14 $\frac{1}{2}$ inches	
454J	4	100 or 150	\$85.00
455J	5	100 or 150	91.25
§454K	4	200	85.00
*451M	1	300, 400 or 500	74.75
*451E	1	750 or 1000	79.25
Diameter 42 inches		Depth 18 inches	
§463L	3	300, 400 or 500	\$134.00
§464L	4	300, 400 or 500	145.50
§465L	5	300, 400 or 500	157.00

No. 3382 Design—Compone

Diameter 19 inches		Depth 5 $\frac{1}{4}$ inches	
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3382A	2	75	\$55.50
†3383A	3	75	59.75
3382D	2	100 or 150	56.50
Diameter 22 $\frac{1}{2}$ inches		Depth 5 $\frac{3}{4}$ inches	
†3393A	3	75	\$68.50
†3394A	4	75	72.75
3392D	2	100 or 150	65.25
3393D	3	100 or 150	70.00

4-Chain Suspension



No. 4172 Design—Compone

	Diameter 20 inches	Depth 7 3/4 inches	
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
4172A	2	75	\$80.50
4173A	3	75	84.75
4172D	2	100 or 150	81.50
4173D	3	100 or 150	86.25
4-Rod Suspension			

No. 3853 Design—Compone

	Diameter 22 inches	Depth 22 inches	
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
3853A	3	75	\$115.00
3853D	3	100 or 150	116.50
Diameter 36 inches			
3824K	4	200	\$177.50
3825K	5	200	183.75
3823L	3	300, 400 or 500	186.50

No. 1042 Design—Compone

	Diameter 20 inches	Depth 10 inches	
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
1042A	2	75	\$63.00
1043A	3	75	67.25
1044A	4	75	71.50
1042D	2	100 or 150	64.00
1043D	3	100 or 150	68.75
*1041W	1	200	62.25
*1041M	1	300, 400 or 500	67.00



No. 571 Design—Compone

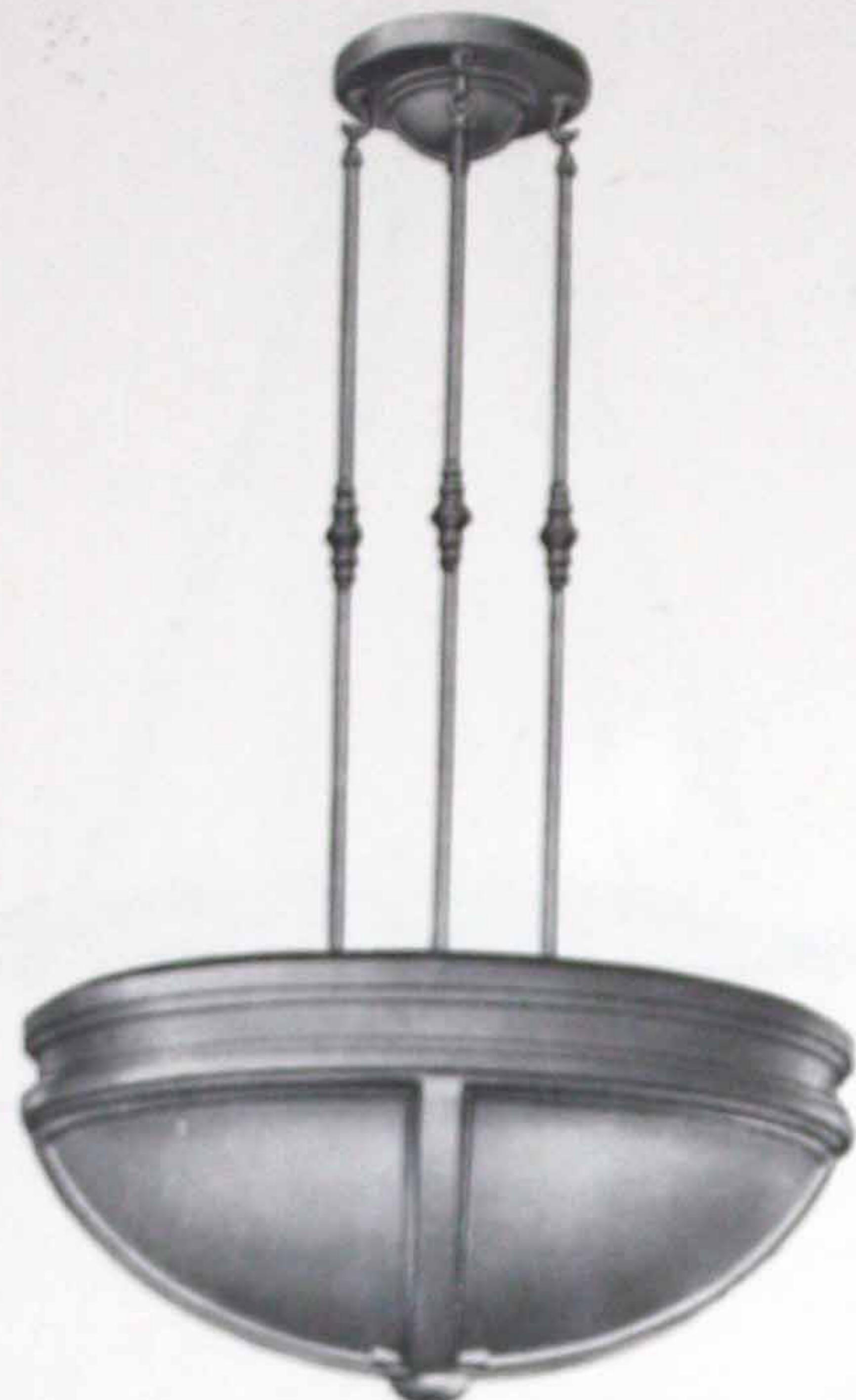
Diameter 16 inches		Depth 13 $\frac{3}{8}$ inches	
Catalog No. of Type Size in No. "C" Lamps		Watts	Price Each
571J	1	100 or 150	\$53.50
5571K	1	200	53.50
*571W	1	200	56.50
Diameter 23 inches		Depth 15 inches	
*1461W	1	200	\$66.50
*1461M	1	300, 400 or 500	71.25

No. 614 Design—Compone

Diameter 60 inches		Depth 19 inches	
Catalog No. of Type Size in No. "C" Lamps		Watts	Price Each
§614L	4	300, 400 or 500	\$267.50
§615L	5	300, 400 or 500	279.00
§616L	6	300, 400 or 500	290.50
§617L	7	300, 400 or 500	302.00

No. 594 Design—Compone

Diameter 32 inches		Depth 14 inches	
Catalog No. of Type Size in No. "C" Lamps		Watts	Price Each
594J	4	100 or 150	\$105.50
595J	5	100 or 150	111.75
§594K	4	200	105.50
§595K	5	200	111.75
*591M	1	300, 400 or 500	95.25
*591E	1	750 or 1000	99.75
Diameter 40 inches		Depth 15 inches	
§605K	5	200	\$124.25
§606K	6	200	130.50
§603L	3	300, 400 or 500	127.00
§604L	4	300, 400 or 500	138.50
*601E	1	750 or 1000	112.25

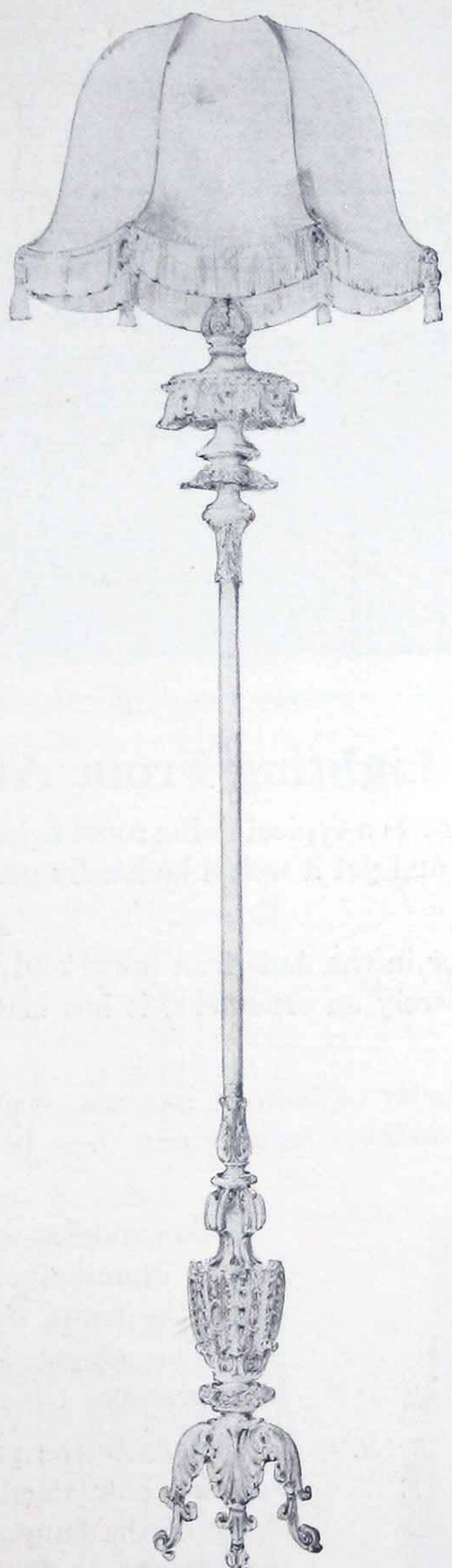


No. 4183 Design—Compone			
Diameter 25 inches	Depth 12 1/4 inches		
Catalog No.	No. of Type	Size in	Price
	"C"	Lamps Walls	Each
4183D	3	100 or 150	\$74.75
4184D	4	100 or 150	79.50
Diameter 31 inches		Depth 15 inches	
4194J	4	100 or 150	\$89.00
4195J	5	100 or 150	95.25
4194K	4	200	90.00
4195K	5	200	95.25
4-Rod Suspension			

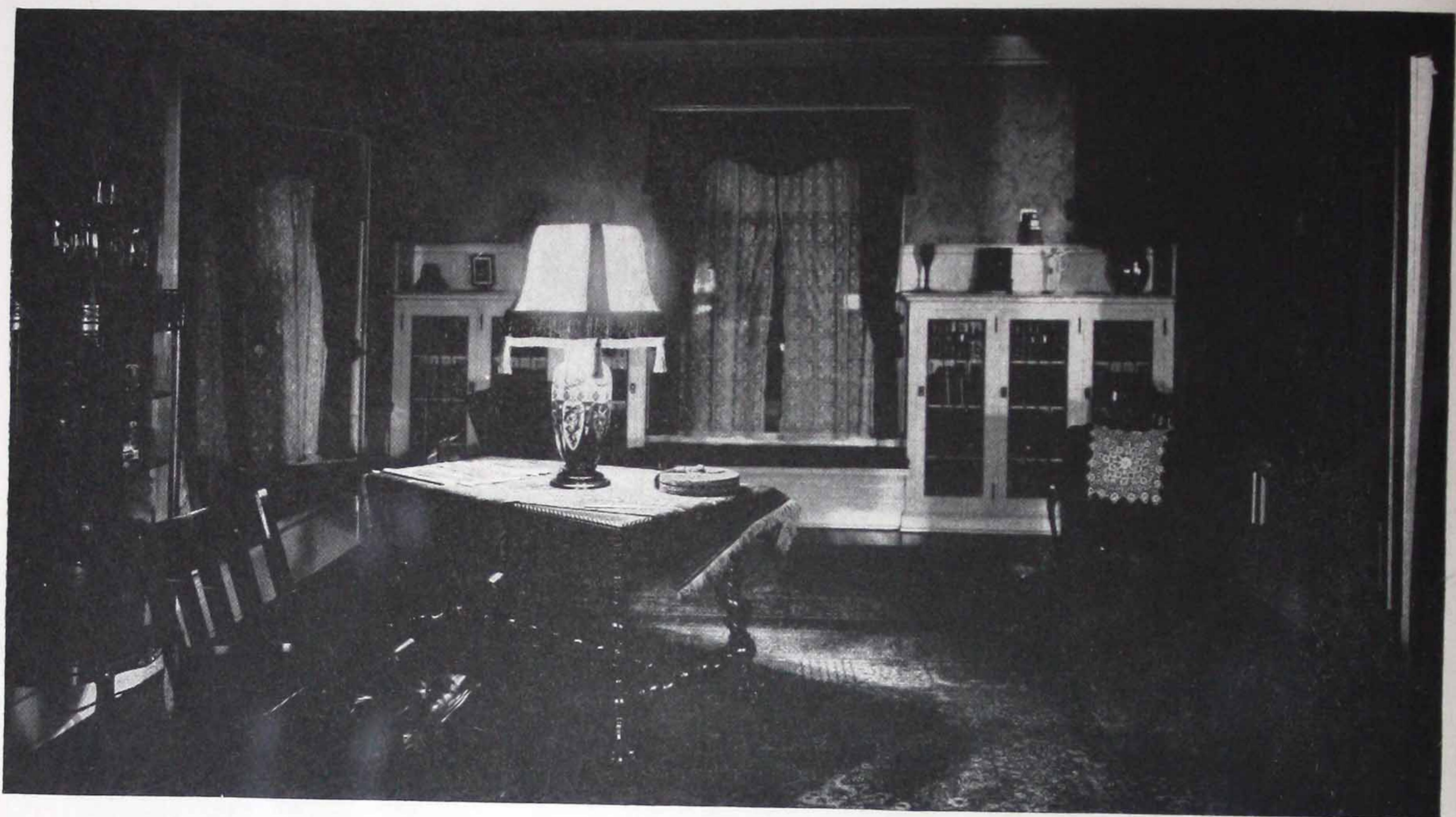
No. 4204 Design—Compone			
Diameter 30 inches	Depth 16 inches		
Catalog No.	No. of Type	Size in	Price
	"C"	Lamps Walls	Each
4204J	4	100 or 150	\$82.50
4205J	5	100 or 150	88.75
4204K	4	200	82.50
4205K	5	200	88.75

No. 4214 Design—Compone			
Diameter 24 inches	Depth 13 inches		
Catalog No.	No. of Type	Size in	Price
	"C"	Lamps Walls	Each
4214A	4	75	\$77.00
4213D	3	100 or 150	74.25
4214D	4	100 or 150	79.00
4-Chain Suspension			

CURTIS LAMPS
SECTION FOUR



Art lamps can now be made more useful by combining indirect lighting with their well recognized decorative features.



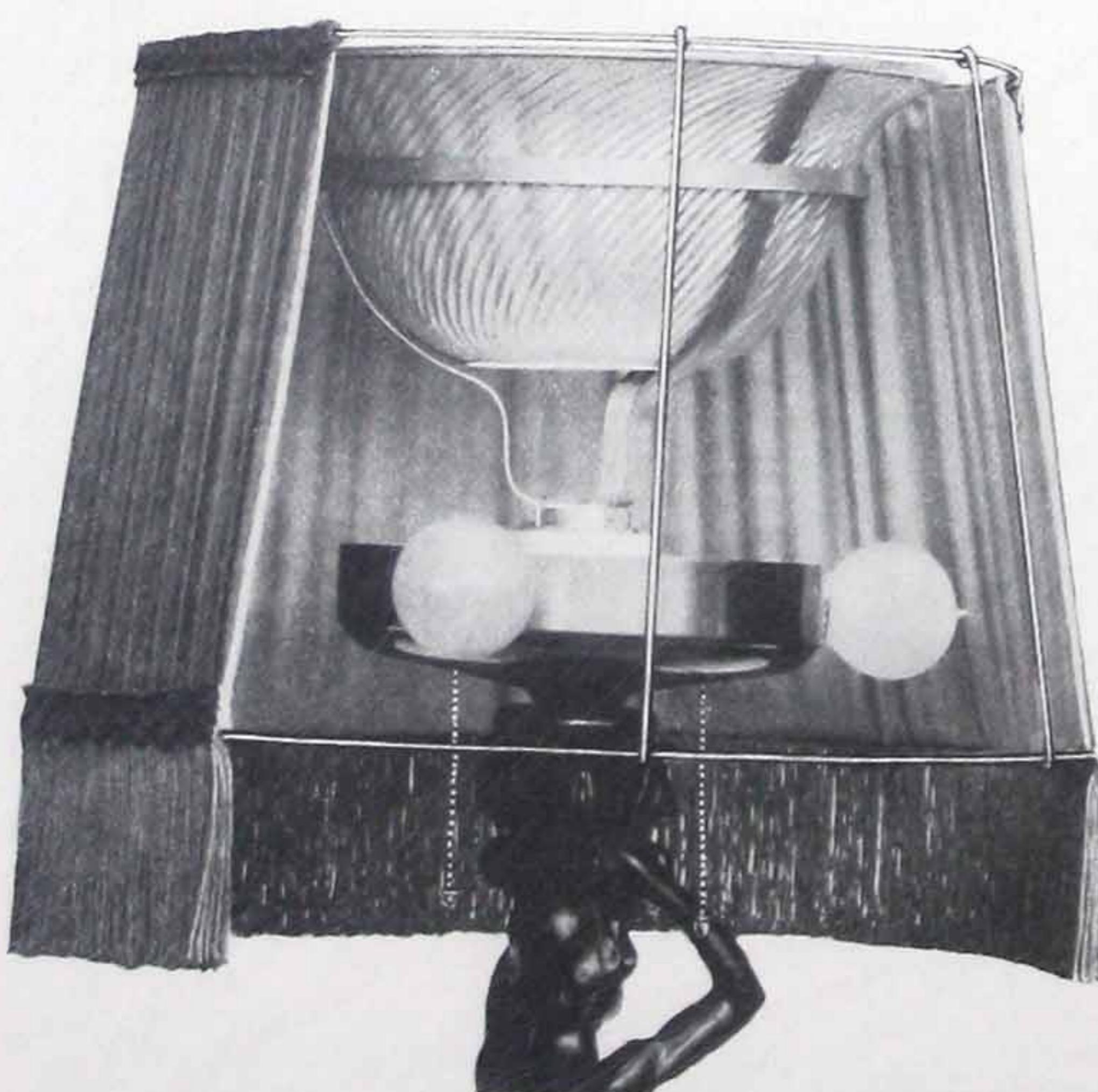
Illumination from an art lamp as it is ordinarily used, giving one bright spot directly under the lamp.

Indirect Lighting From Art Lamps

The photograph shown above illustrates a typical living room lighted by the ordinary table lamp. The soft warm glow of the silk shade is charming and yet it would be hardly possible to read or play cards by that light, except directly around the table.

The art lamp has found great favor in the American home and yet in most instances it is of little or no value from a utilitarian standpoint. Merely an ornament, it has been developed to the highest degree along that line.

With the rapidly increasing popularity of indirect lighting, made possible by the high efficiency of the X-Ray Reflector, the idea of combining indirect lighting and these beautiful art lamps was given serious consideration.



To make the art lamp flood the entire room with clear, bright, illumination as well as light the area immediately under the lamp, the Curtis Indirect Adapter was developed. This adapter is concealed within the silk shade, so that in appearance the art lamp remains unchanged.

Look at the picture at the top of the adjoining page and see how the Curtis Adapter, hidden within the silk shade of the lamp, illuminates the entire room. No lighting fixtures on the ceiling are necessary.

The special feature of the Curtis Indirect Adapter is the large X-Ray Reflector. This opaque, silvered, mirror reflector controls all the light from one large lamp bulb and directs it to the ceiling just as do the reflectors in X-Ray Indirect fixtures. From the ceiling the light is diffused throughout every corner and part of the room.



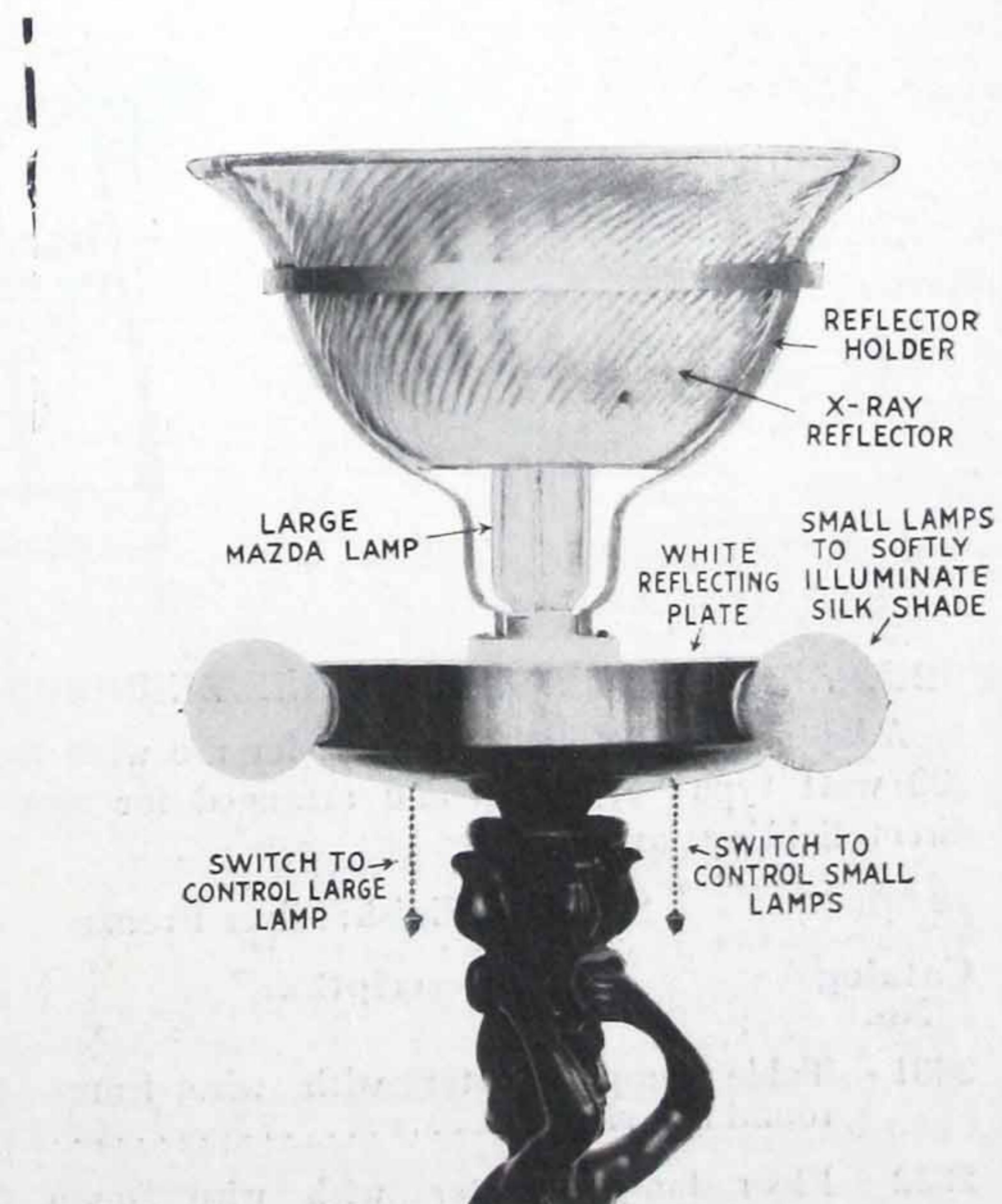
The same room charmingly illuminated by a flood of clear, indirect light reflected from the ceiling. There is an indirect lighting X-RAY Reflector concealed inside the silk shade which throws the light of a large bulb against the ceiling. Thus either lighting effect shown in these pictures may be had at the pull of the switch.

The large reflector is supported by a strong metal frame and the silk shade rests on the upper edge. The bottom of the reflector is left open so that some of the light from the large lamp escapes and is reflected by a white disc to softly and evenly illuminate the silk shade. Besides this disc there are individual frosted lamps (very small) which give the shade the appearance of the ordinary art lamp when the indirect lighting is not in use. The two little pull chains allow for separate control of these auxiliary lamps for lighting the shade and the large lamp which furnishes the indirect illumination.

The wonderful lighting effect secured with the indirect illumination is well illustrated by the photograph on this page. The addition of a Curtis adapter has made the art lamp useful as well as ornamental. These Curtis Adapter can be attached to any floor or table lamp, and to large ornamental vases, pedestals, etc.

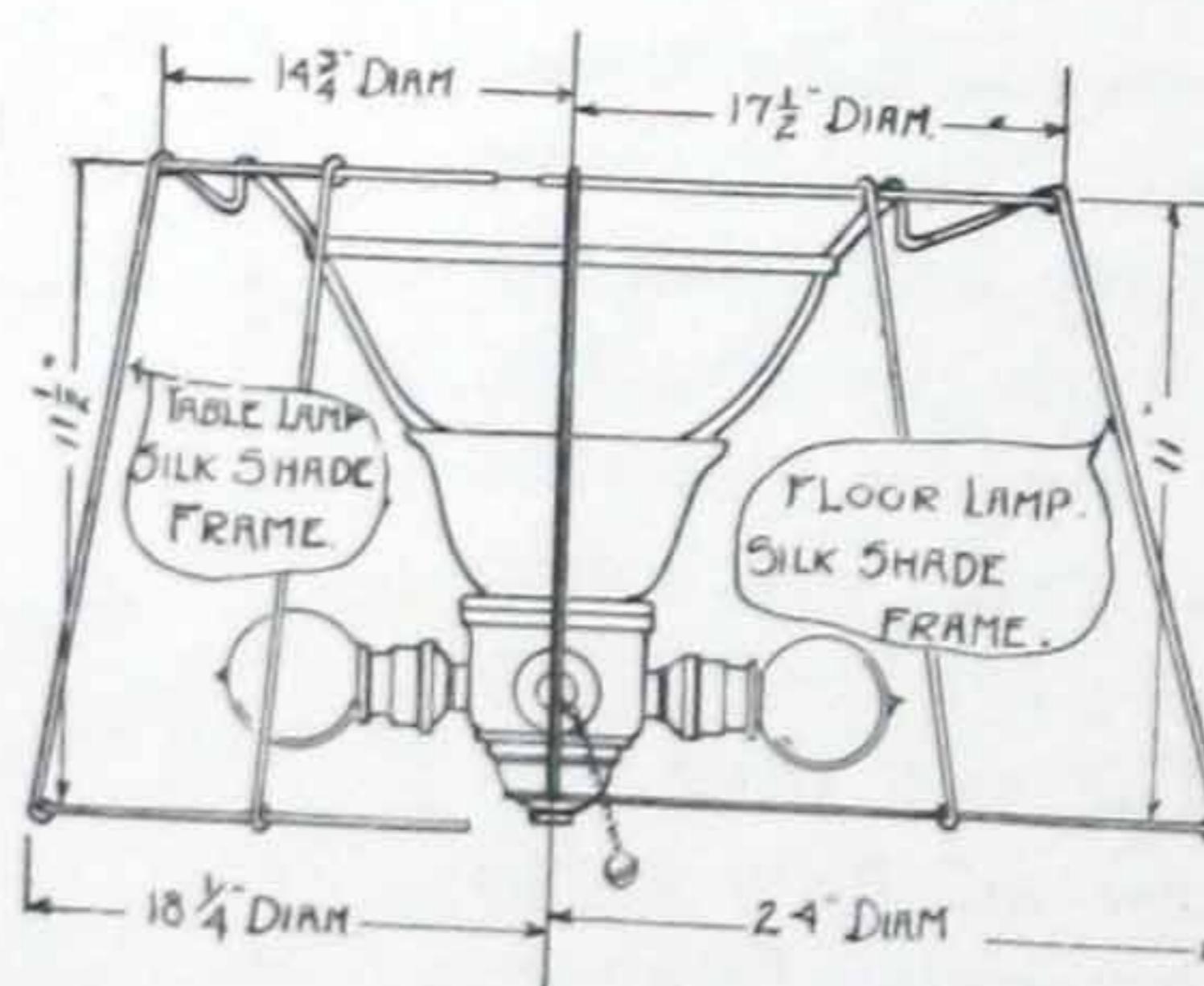
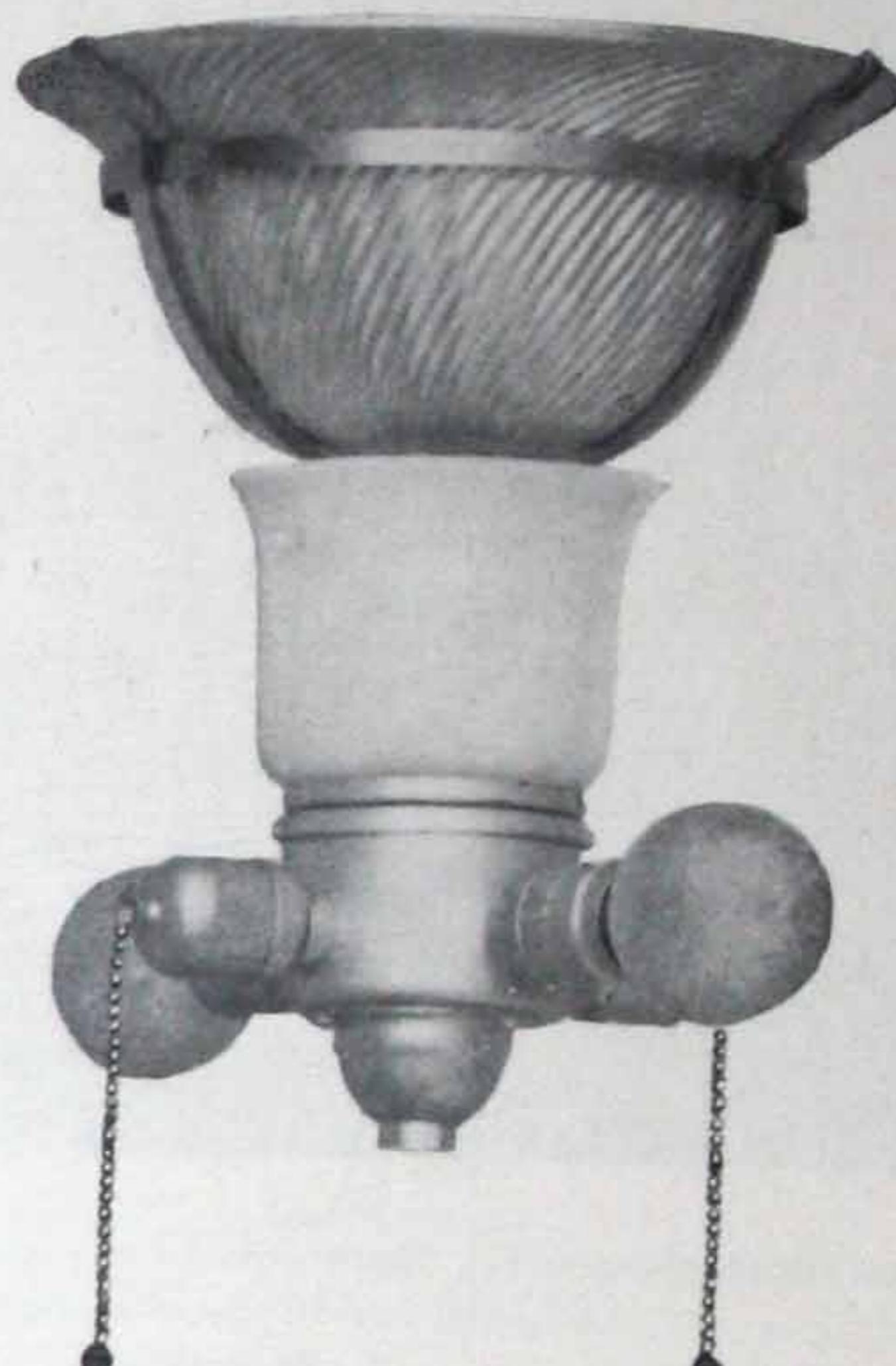
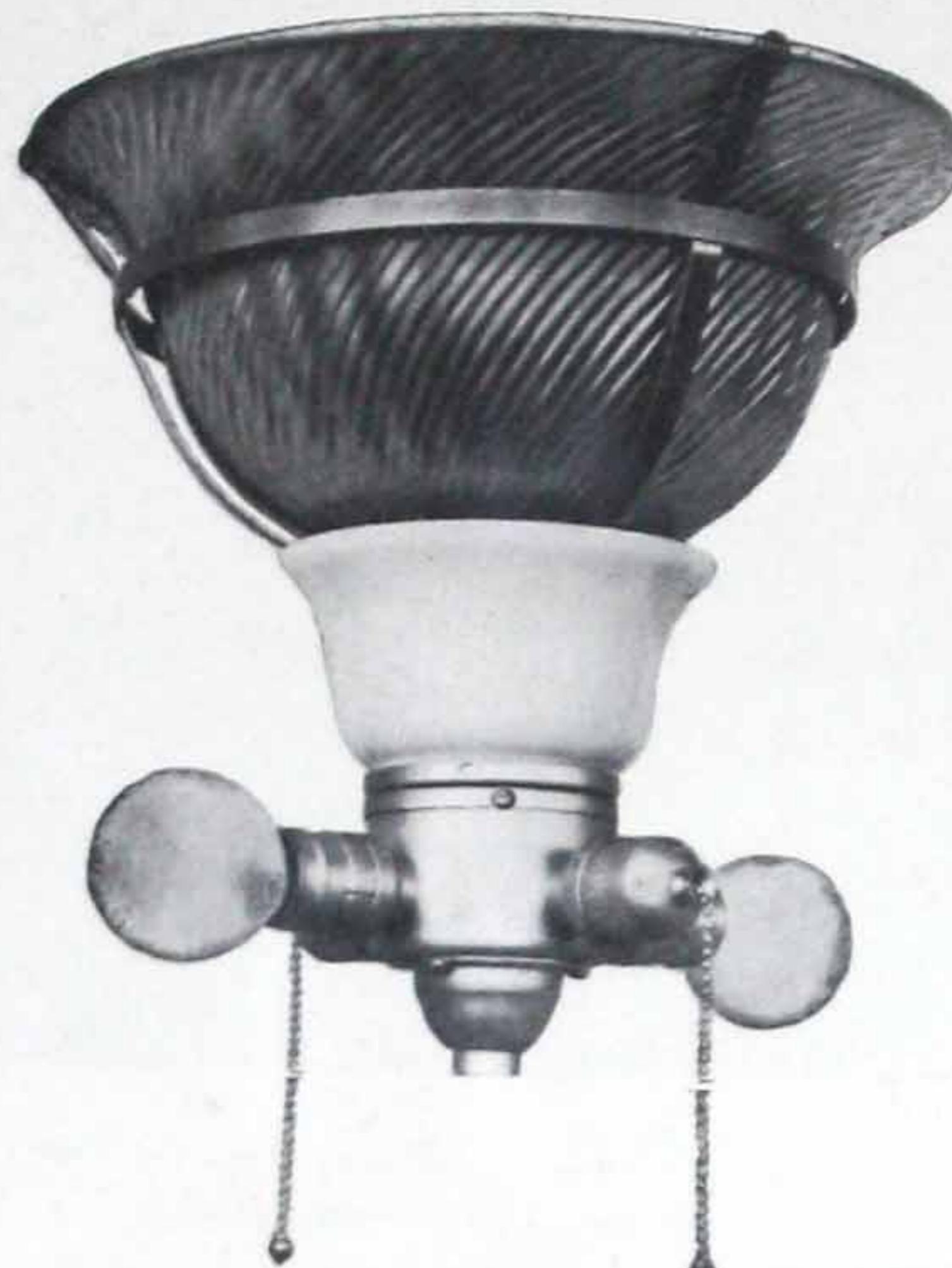
Care must be taken that the large powerful reflector is always above the line of vision. As the Curtis Adapter is 12 inches high, the floor lamp standard should be at least 54 inches and the table lamp standard 24 inches in height.

Several different sizes and styles of these Curtis Adapters are shown on the following pages.



Curtis Indirect Adapter

Curtis Indirect Adapters can be attached to any wooden or metal Pedestal or Vase whose top is over 54 inches from the floor. 10 feet of cord and attachment plug furnished with Adapter.



Adapter with 12 inch reflector, for use with 100, 150 or 200 watt type "C" lamp and arranged for two auxiliary direct lighting lamps.

Standard Finish: Silver Bronze

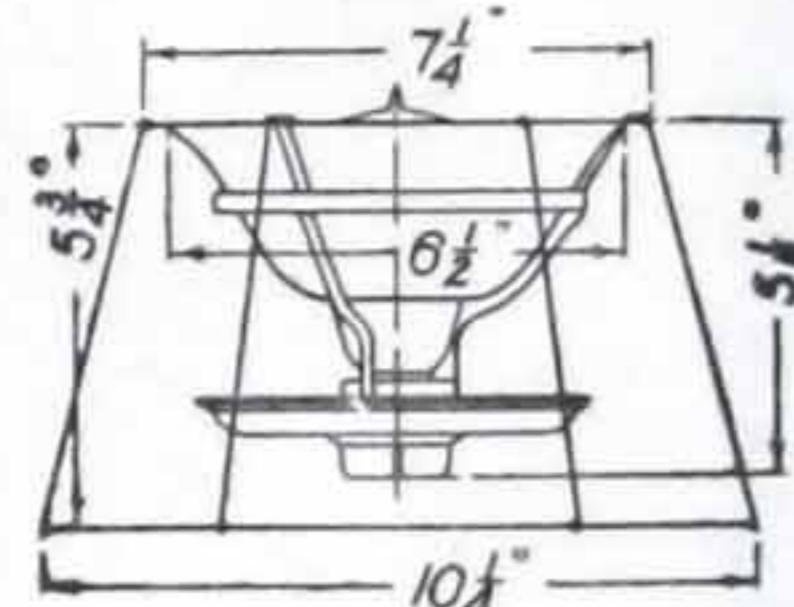
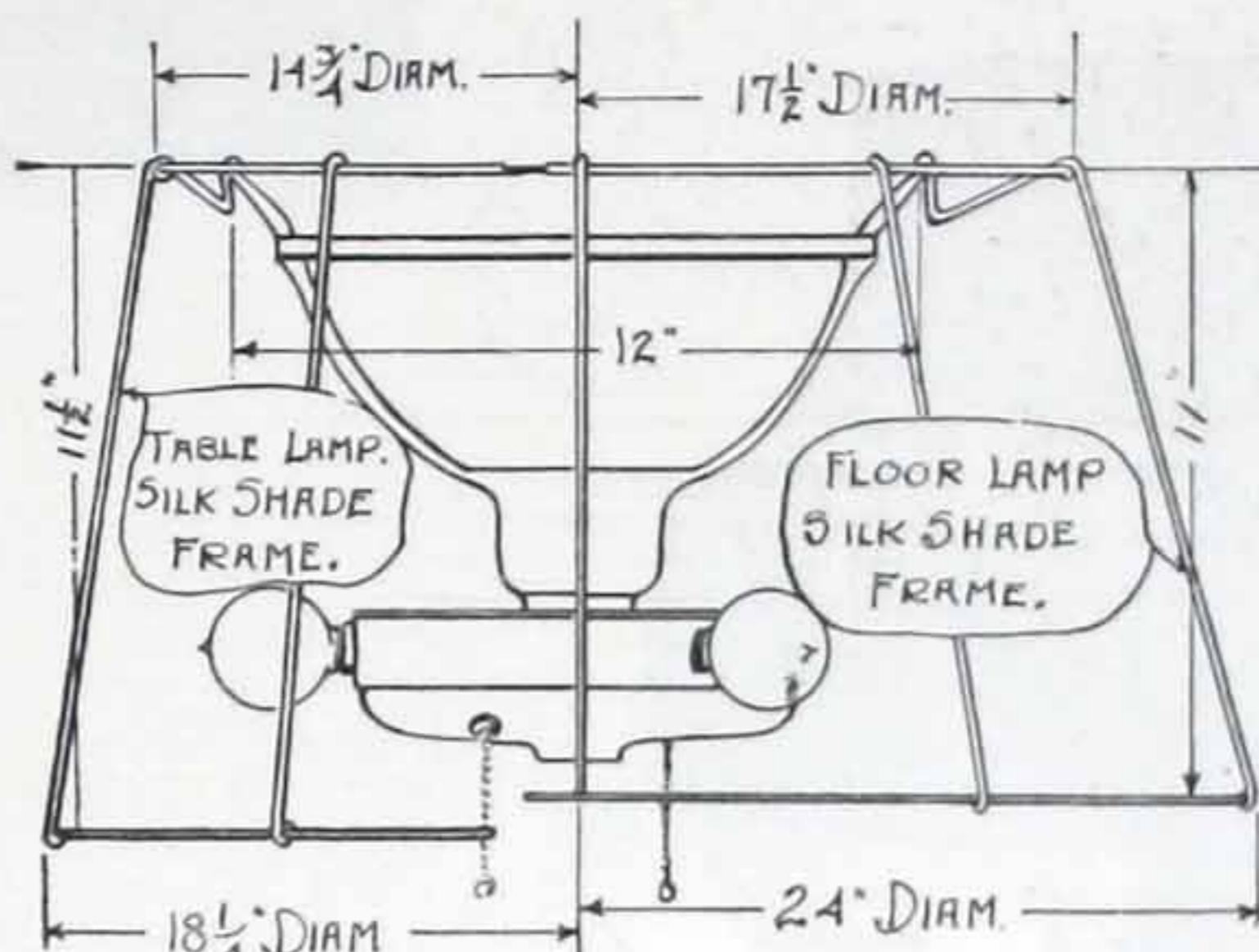
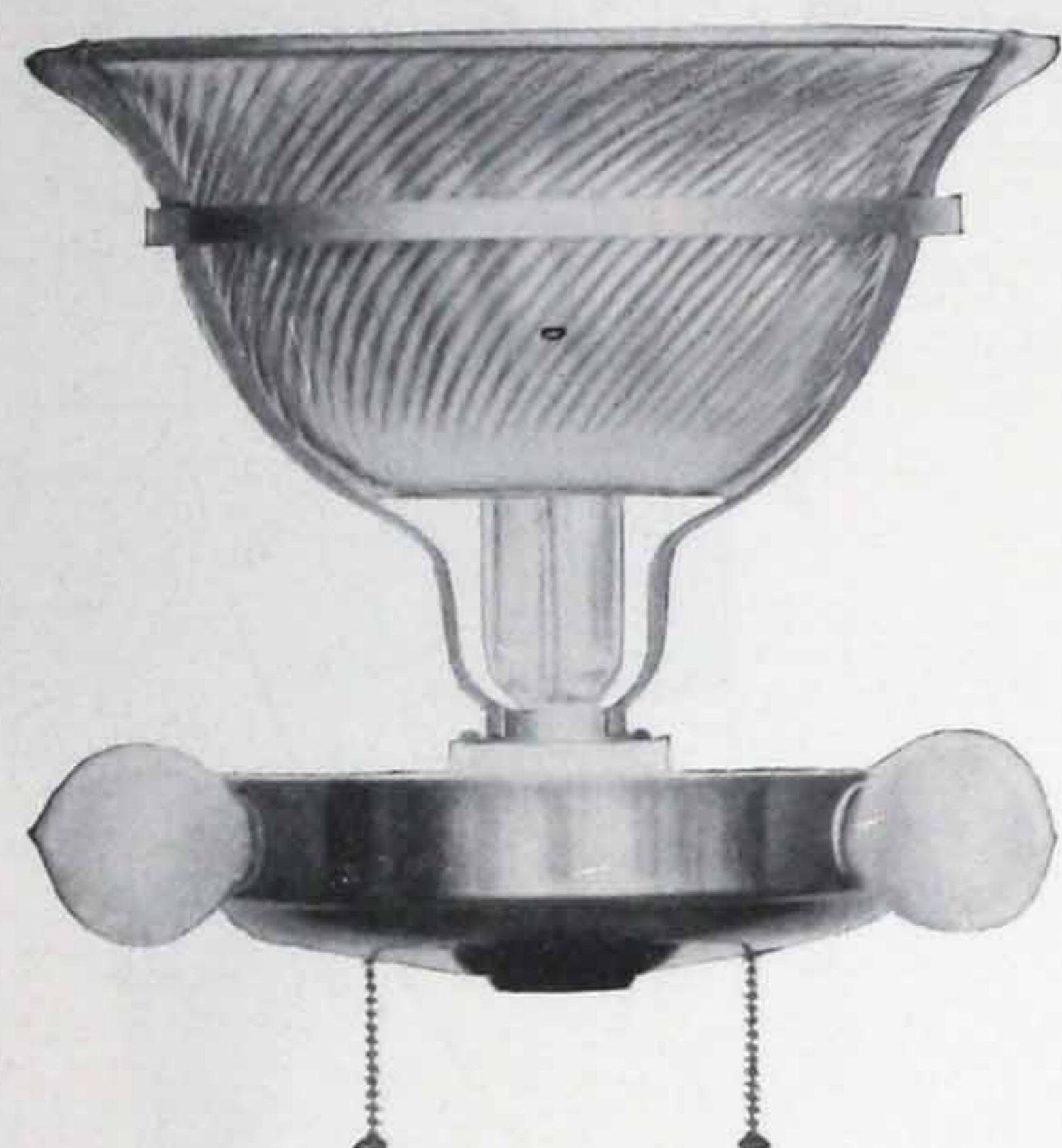
Catalog No.	Description	Price each
2831	Table lamp adapter with wire frame for round silk shade.....	\$23.50
2832	Floor lamp adapter with wire frame for round silk shade.....	24.00
2826	Adapter only.....	21.00

Adapter with 9 1/2 inch reflector, for use with 100, 150 or 200 watt type "C" lamp and arranged for two auxiliary direct lighting lamps.

Standard Finish: Silver Bronze

Catalog No.	Description	Price each
2874	Table lamp adapter with wire frame for round silk shade.....	\$20.25
2875	Adapter only.....	17.75

Curtis Indirect Adapters can be attached to any wooden or metal Pedestal or Vase whose top is over 54 inches from the floor. 10 feet of cord and attachment plug furnished with Adapter.



Adapter with 12 inch reflector, for use with 200 watt type "C" lamp and arranged for three auxiliary direct lighting lamps.

Standard Finish: Gold Bronze or Mahogany.

Catalog No.	Description	Price each
2853	Table lamp adapter with wire frame for round silk shade.....	\$31.25
2854	Floor lamp adapter with wire frame for round silk shade.....	31.75
2855	Table lamp adapter without wire frame.....	28.75
2856	Floor lamp adapter without wire frame	28.75

Adapter with 6 1/2 inch reflector, for use with 25, 40 or 60 watt lamp.

Standard Finish: Gold Bronze.

Catalog No.	Description	Price each
*2814	Adapter with round wire shade frame	\$7.25
*2802	Without frame	6.00
	Adapter with 4 1/8 inch reflector, for use with 15 or 25 watt round bulb lamp.	
	Standard Finish: Flat White.	
*2823	Adapter with round wire shade frame	\$3.00
*2803	Without frame.....	1.90

*No. 2814 adapter is for use with heavy brackets and will fit any standard socket. No. 2803 adapter is for use with small candle bracket and will fit any standard socket or 1 1/4 inch metal candle. No switch, cord or attachment plug included.

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Table Lamp with Brocaded Gold Silk Shade

Finish: Antique Gold

Height 36 inches Diameter 20 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2611	‡2855	2857	\$100.00
2612	‡2826	2857	92.25

No. 2857 Silk Shade lists \$35.00

Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Antique Gold

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2639	‡2856	2865	\$137.75
2640	‡2826	2865	130.00

No. 2865 Silk Shade lists \$44.50

Carved Wood Table Lamp with Old Gold Silk Shade

Finish: Antique Gold

Height 36 inches Diameter 22 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2615	‡2855	2835	\$89.00
2616	‡2826	2835	81.25

No. 2835 Silk Shade lists \$22.75

Art Lamps Equipped With Curtis Indirect Adapters



**Carved Wood Floor Lamp with
Old Gold Silk Shade**

Finish: Gold Polychrome

Height 36 inches Diameter 18 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2645	‡2826	2837	\$71.50
2646	‡2875	2837	68.25

No. 2837 Silk Shade lists \$22.75

**Carved Wood Floor Lamp with
Old Gold Silk Shade**

Finish: Gold Polychrome

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2641	‡2856	2866	\$141.00
2642	‡2826	2866	133.25

No. 2866 Silk Shade lists \$46.75

**Turned Wood Table Lamp with
Mulberry Silk Shade**

Finish: Mahogany

Height 36 inches Diameter 21 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2638	‡2875	2867	\$62.25

No. 2867 Silk Shade lists \$26.00

Art Lamps Equipped With Curtis Indirect Adapters



Turned Wood Floor Lamp with
Old Rose Silk Shade

Finish: Mahogany		Diameter 24 inches		
Height 72 inches	Catalog No.	Adapter No.	Silk Shade No.	Price Each
	2632	2875	2862	\$71.50
No. 2862 Silk Shade lists \$36.25				

Turned Wood Table Lamp with
Old Rose Silk Shade

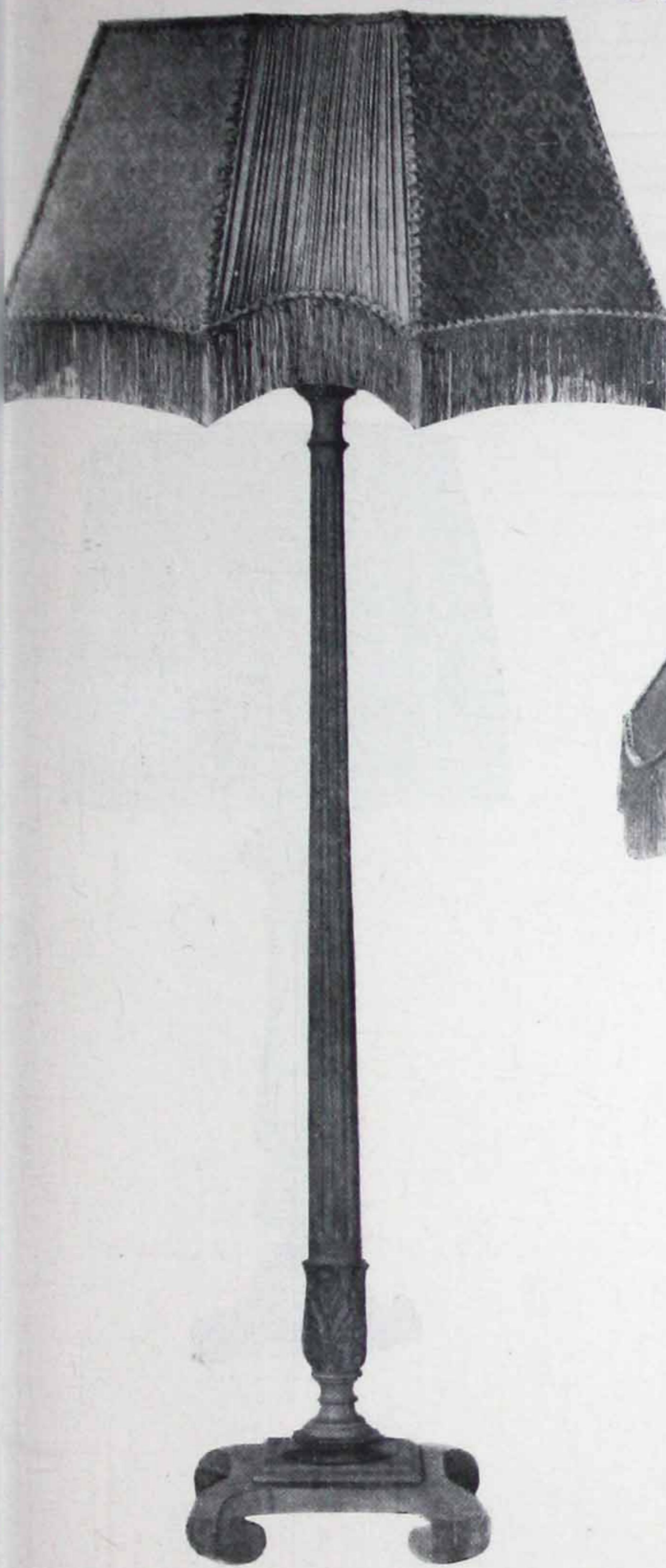
Finish: Mahogany		Diameter 18 inches		
Height 36 inches	Catalog No.	Adapter No.	Silk Shade No.	Price Each
	2643	2826	2840	\$56.00
	2644	2875	2840	52.75
No. 2840 Silk Shade lists \$21.75				



Turned Wood Table Lamp with
Mulberry Silk Shade

Finish: Mahogany		Diameter 24 inches		
Height 72 inches	Catalog No.	Adapter No.	Silk Shade No.	Price Each
	2633	2875	2863	\$67.50
No. 2863 Silk Shade lists \$32.50				

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Floor Lamp with Brocaded Mulberry Silk Shade

Finish: Mahogany		Finish: Mahogany		Finish: Mahogany	
Height 72 inches	Diameter 24 inches	Height 36 inches	Diameter 21 inches	Height 72 inches	Diameter 24 inches
Catalog No.	Adapter No.	Silk Shade No.	Price Each	Catalog No.	Adapter No.
2617	‡2856	2858	\$98.00	2635	‡2875
2618	‡2826	2858	90.25	2864	64.25

No. 2858 Silk Shade lists \$29.25

Carved Wood Table Lamp with Mulberry Silk Shade

Finish: Mahogany			
Height 36 inches	Diameter 21 inches	Catalog No.	Adapter No.
Catalog No.	Adapter No.	Silk Shade No.	Price Each
2635	‡2875	2864	64.25

No. 2864 Silk Shade lists \$29.25

Turned Wood Floor Lamp with Old Rose Silk Shade

Finish: Mahogany			
Height 72 inches	Diameter 24 inches	Catalog No.	Adapter No.
Catalog No.	Adapter No.	Silk Shade No.	Price Each
2636	‡2856	2806	\$78.50
2637	‡2826	2806	70.75

No. 2806 Silk Shade lists \$32.50

Art Lamps Equipped With Curtis Indirect Adapters



Turned Wood Table Lamp with Japanese Silk Shade

Finish: Mahogany with Japanese Decorations in Gold

Height 36 inches Diameter 20 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2621	‡2855	2843	\$110.50
2622	‡2826	2843	102.75

No. 2843 Silk Shade lists \$36.25

Turned Wood Floor Lamp with Brocaded Mulberry Silk Shade

Finish: Mahogany with Japanese Decorations in Gold

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2567	‡2856	2838	\$112.50
2568	‡2826	2838	104.75

No. 2838 Silk Shade lists \$31.25

Carved Wood Table Lamp with Old Rose Silk Shade

Finish: Antique Gold or Mahogany
Height 36 inches Diameter 18 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2583	‡2855	2805	\$81.25
2584	‡2826	2805	73.50

No. 2805 Silk Shade lists \$18.75

PEDESTAL AND COVE LIGHTING

SECTION FIVE



Much of the lighting of the future will be accomplished from sources entirely concealed, and without resorting to the use of suspended ceiling fixtures.



Sun Room, South Shore Country Club, Chicago, lighted with X-Ray reflectors in center Pedestal

Lighting from Other than Ceiling Fixtures

It is stated by the discriminating that the Curtis Portable Lamp described in this booklet is the most novel and attractive lighting fixture ever devised. However, this is but one of the numerous applications of the X-Ray System of indirect illumination.

While all indirect lighting gives the room the visual appearance of greater spaciousness because it is lighted from its highest point—the illuminated ceiling—this "airyness" is further emphasized if no lighting fixtures hang from the ceiling.

With the proper selection of X-Ray Reflectors it is practical to illuminate the entire room without fixtures of any kind hung from the ceiling.

Whether the reflectors are hidden in art lamps or urns placed on pianos, book-cases, mantels and pedestals or in projecting cornices near the ceiling, is a matter of individual choice, for the lighting results will be equally exquisite.

Thus it will be seen that the development of the correctly designed lighting equipment by the

National X-Ray Reflector Company has occasioned two great changes in illuminating methods.

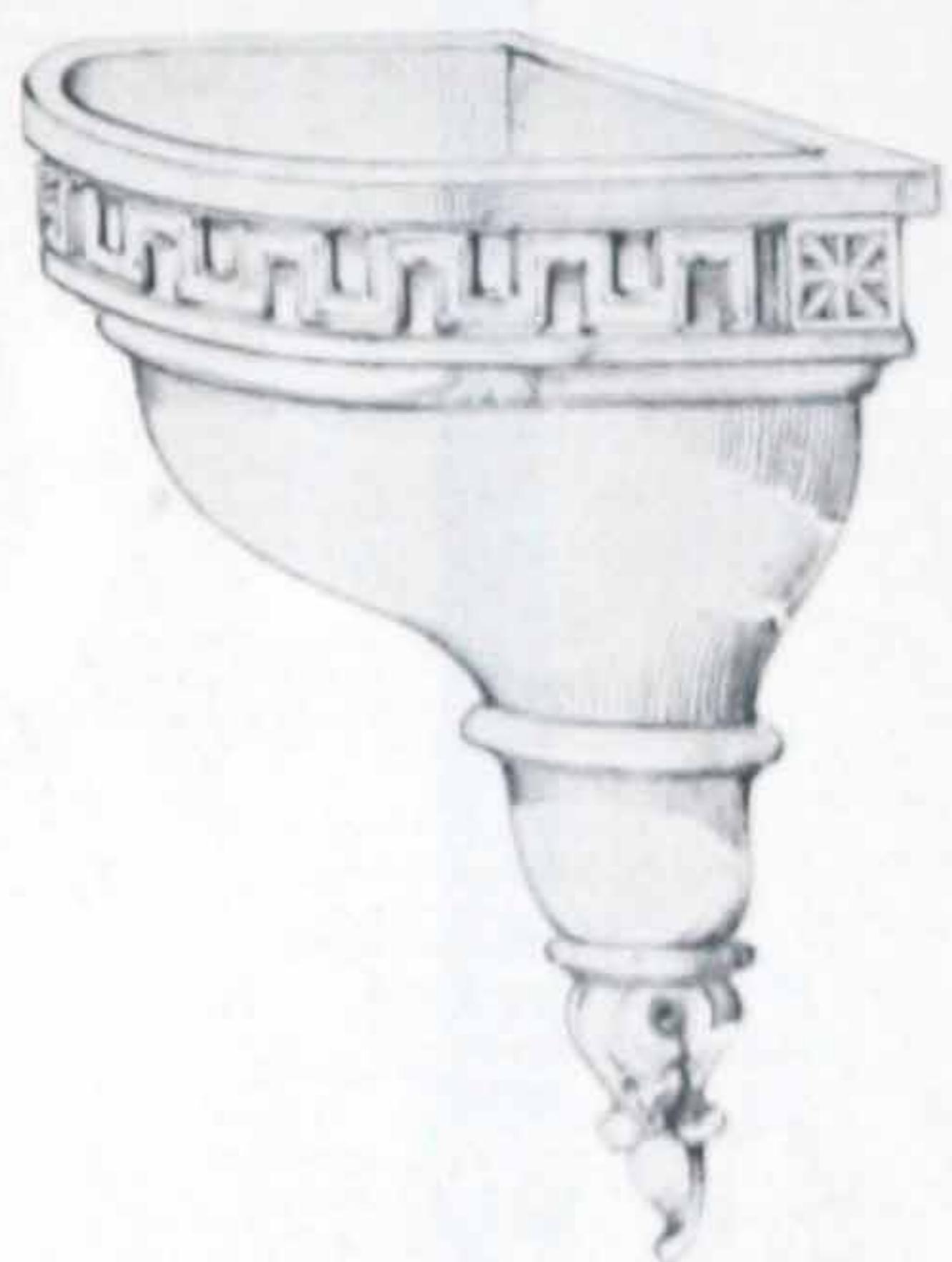
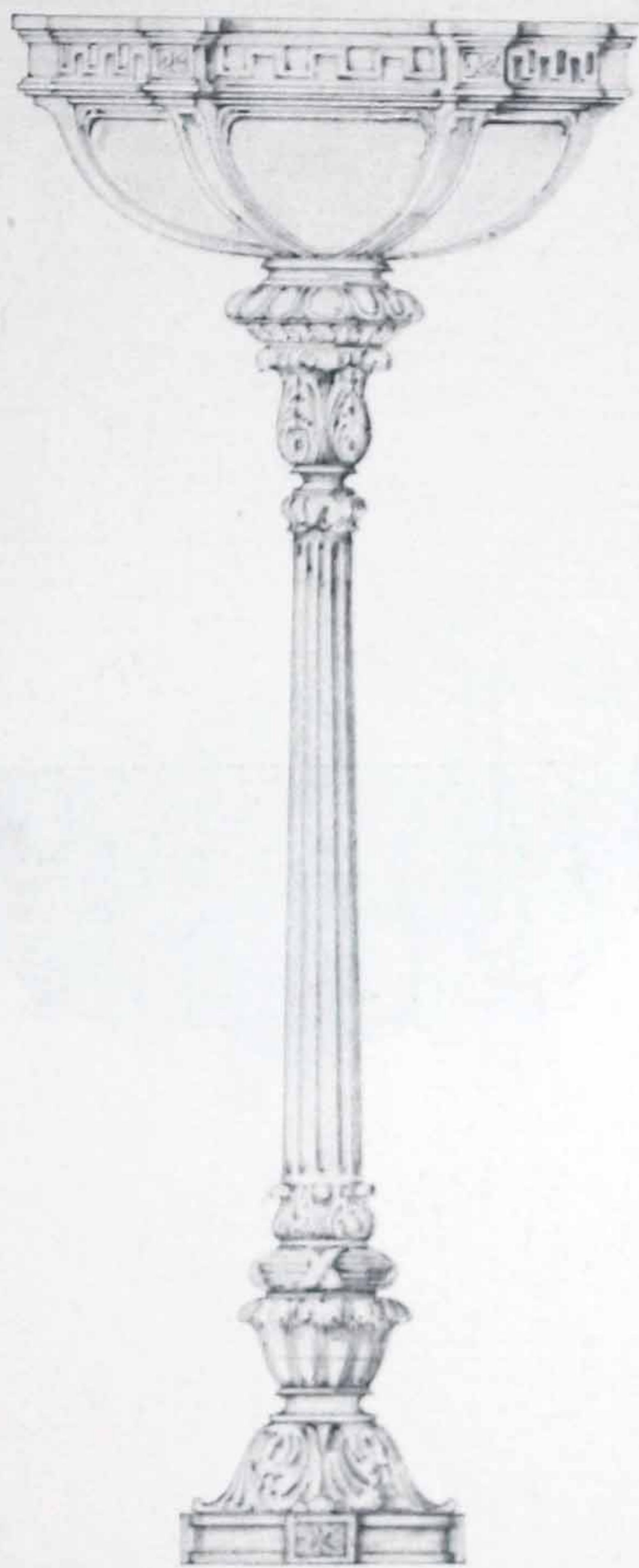
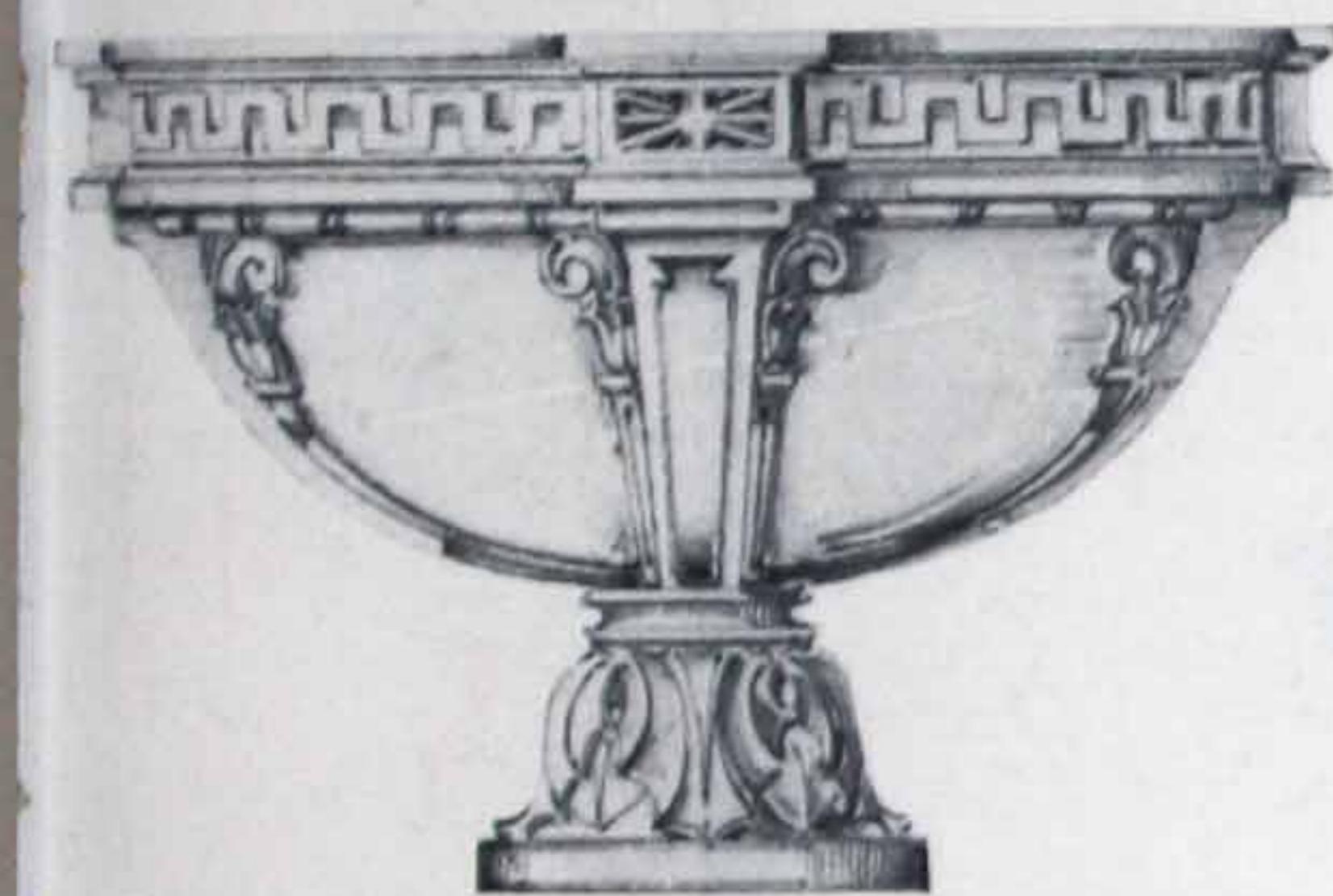
First—Indirect illumination from bowl fixtures suspended from the ceiling known as the X-Ray Lighting System. These fixtures contain powerful X-Ray Reflectors.

Second—Lighting of interiors from other than ceiling fixtures, made possible by utilizing these powerful Reflectors designed on scientific principles for proper light reflection.

It is best to confer with our experts in planning this form of illumination. The knowledge our engineers have gained in planning hundreds of installations, is at your disposal at any time without cost or obligation and you are invited to make free use of their experience.

The most notable and attention-compelling lighting installations in the country have been planned by our Engineering Department.

We are pleased to confer by mail or otherwise with anyone having difficult lighting problems to solve.



**No. 2401 Design—Compone
X-Ray Pedestal**

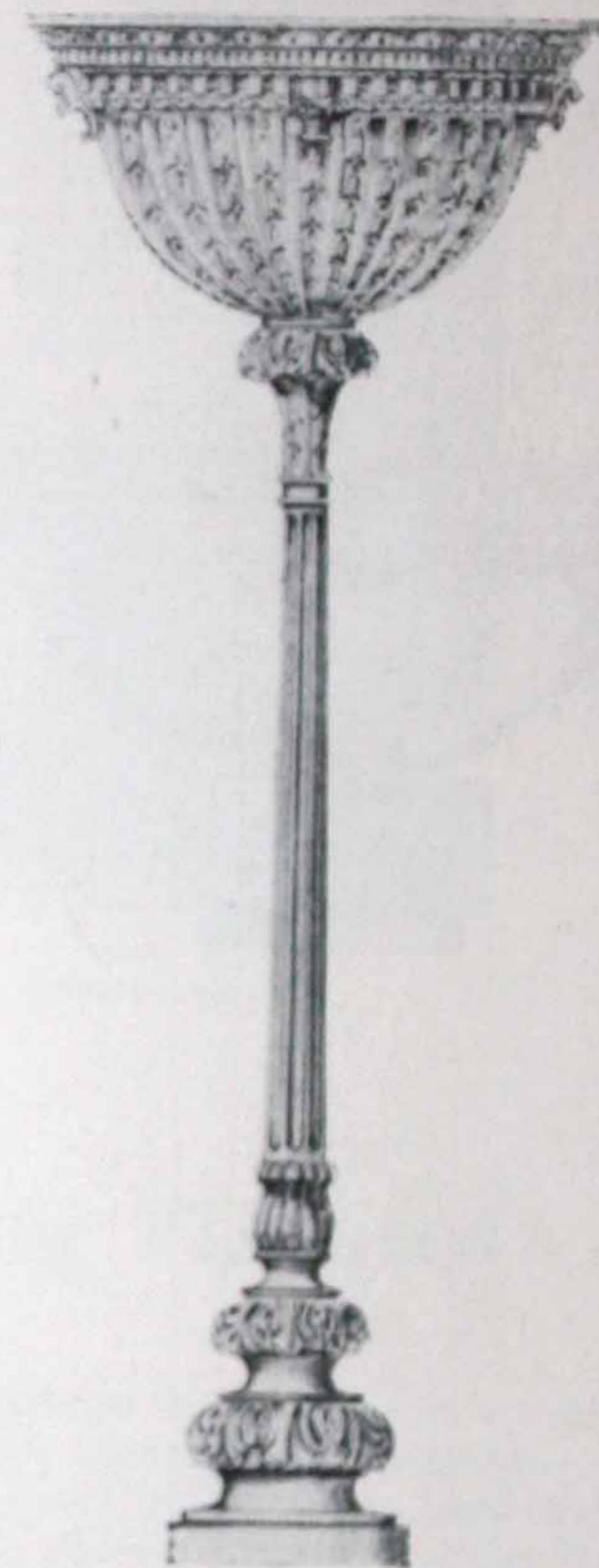
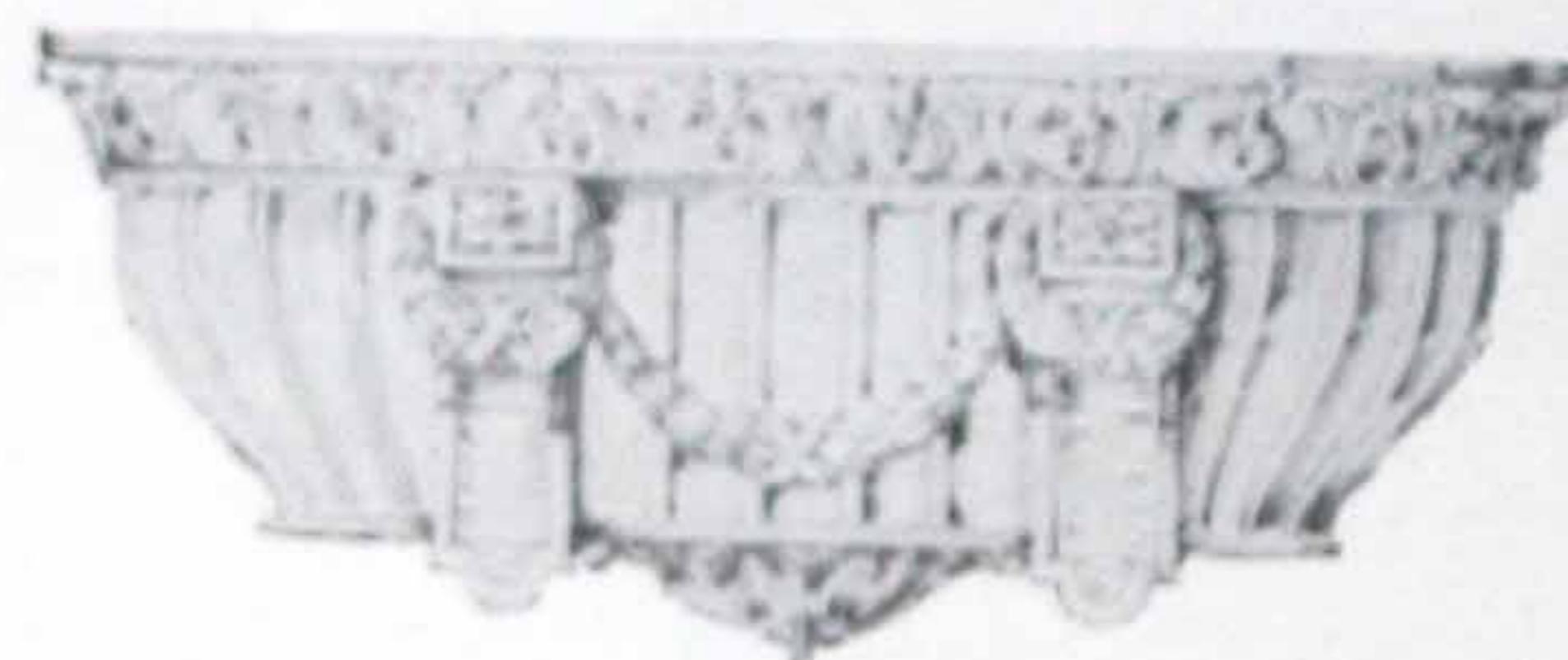
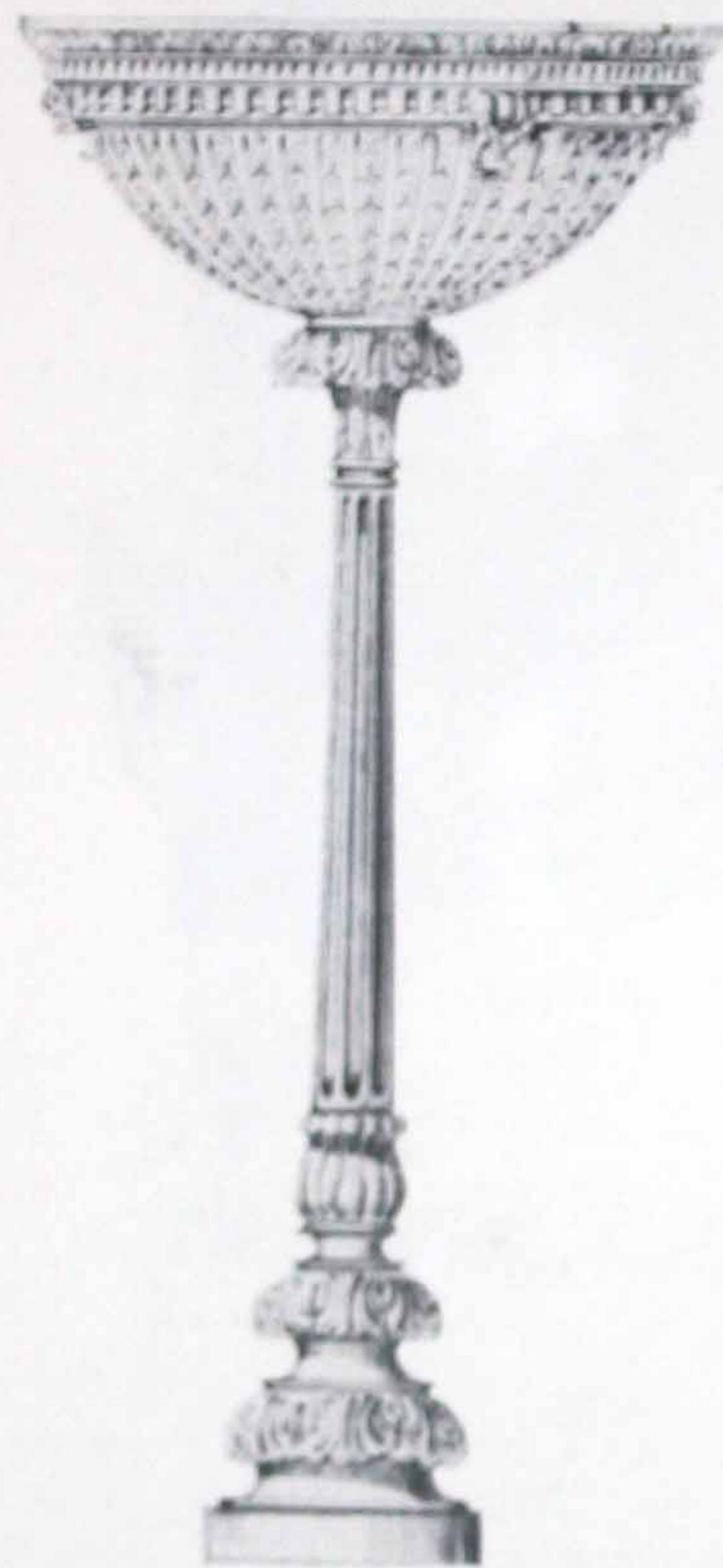
Diameter 16 inches		Height 11 inches	
Catalog No.	of Type Size in No. "C" Lamps	Watts	Price Each
2401J	1	100 or 150	\$35.50
§2401K	1	200	35.50

**No. 3753 Design—Compone
X-Ray Luminous Bowl Pedestal**

Cathedral White Glass Panels			
Diameter	30 inches	Height	74 inches
Catalog No.	of Type Size in No. "C" Lamps	Watts	Price Each
3753D	3	100 or 150	\$322.50
3756D	6	100 or 150	336.00
§3753F	3	200	324.00

**No. 3761 Design—Compone
Wall Urn for Indirect Lighting**

Extends 11 1/4 inches		Height 15 inches	
Catalog No.	of Type Size in No. "C" Lamps	Watts	Price Each
†3761P	1	75	\$37.00
3761Z	1	100 or 150	37.00



No. 2861 Design—Compone

X-Ray Pedestal

Diameter 35 inches		Height 72 inches	
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
2883K	3	200	\$187.00
2884K	4	200	193.00
2881L	1	300, 400 or 500	179.50
Diameter 42 inches		Height 74 inches	
2892L	2	300, 400 or 500	\$222.50
2893L	3	300, 400 or 500	234.00
2894L	4	300, 400 or 500	245.50
2895L	5	300, 400 or 500	257.00

No. 3773 Design—Compone

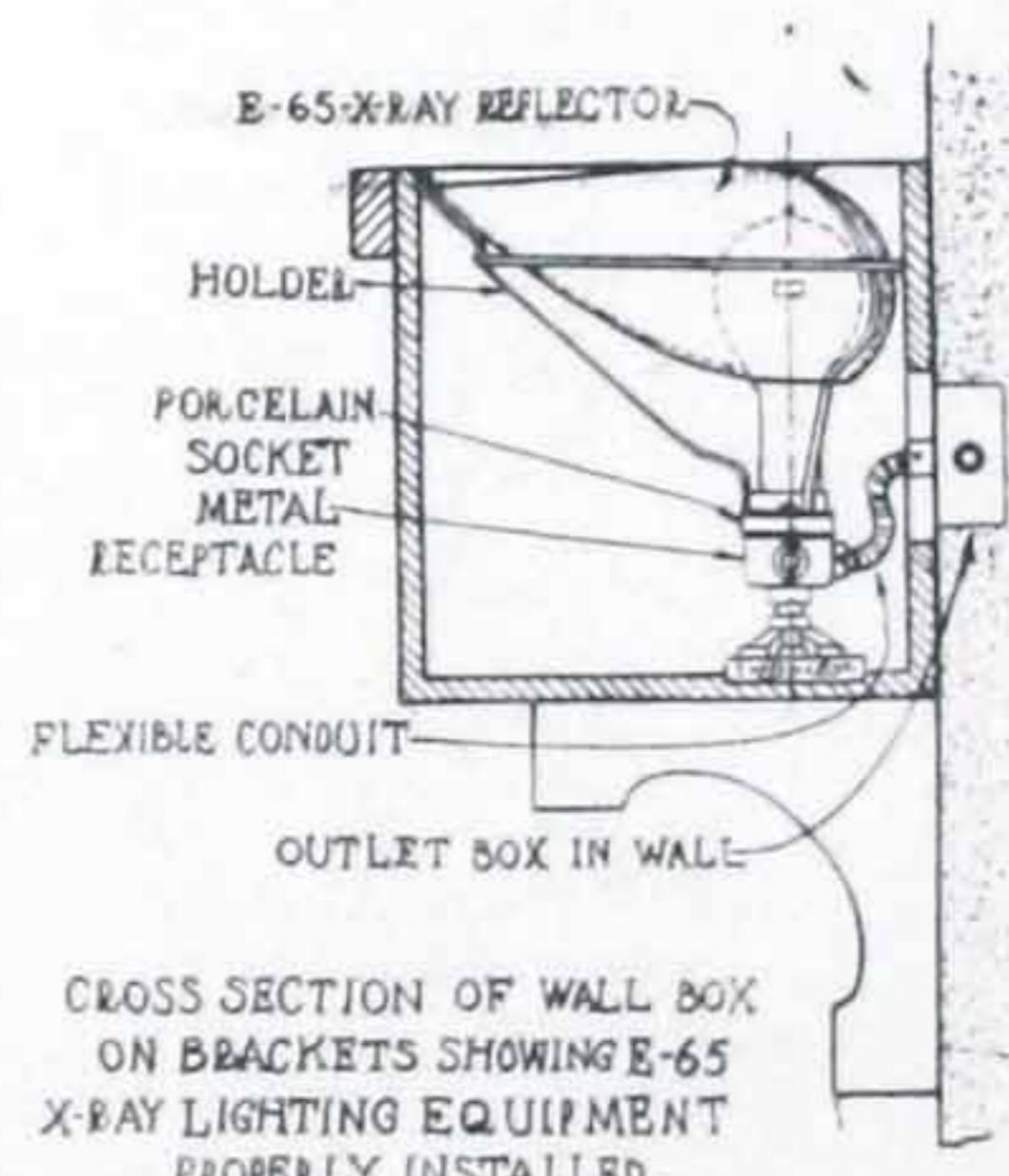
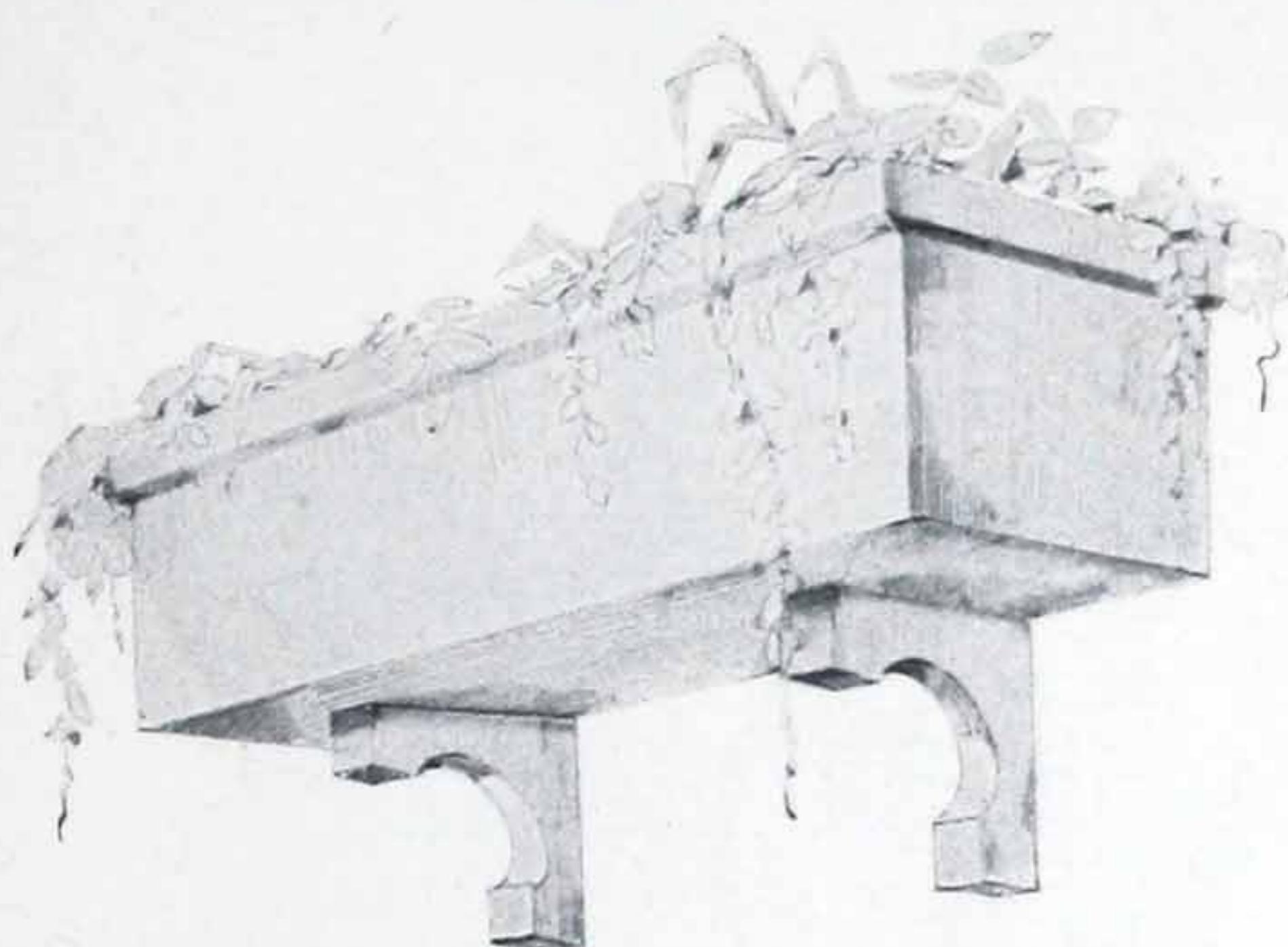
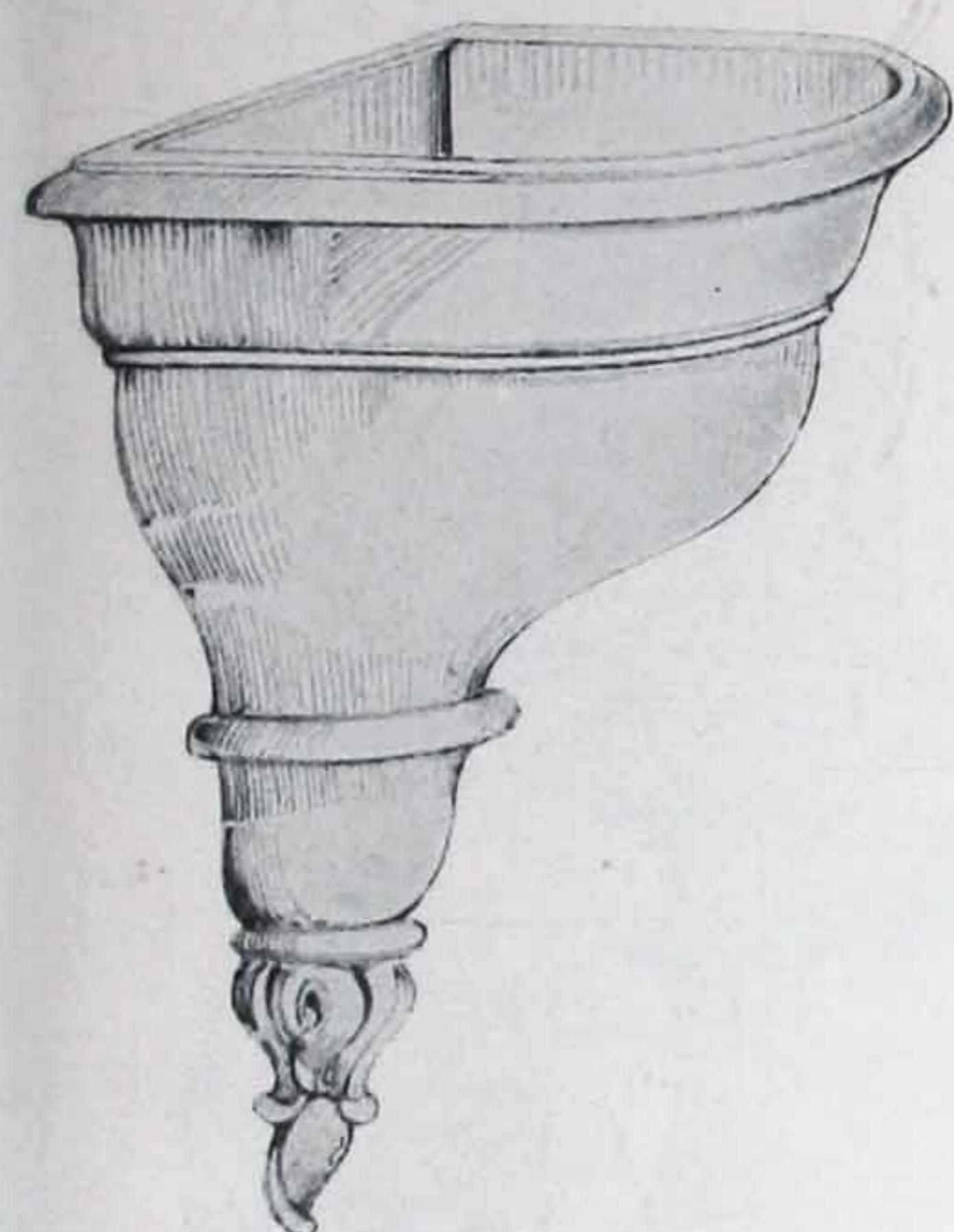
Wall Urn for Indirect Lighting

Length 38 inches		Depth 14 inches	
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
4073P	3	75	\$73.50
4073Z	3	100 or 150	73.50

No. 2851 Design—Compone

X-Ray Pedestal

Diameter 22 inches		Height 72 inches	
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
2851J	1	100 or 150	\$142.00
2851K	1	200	142.00



**No. 3781 Design—Compone
Wall Urn for Indirect Lighting**

Extends 11 1/4 inches Height 15 inches

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

†3781P 1 75 \$37.00
3781Z 1 100 or 150 37.00

E-65 X-Ray Reflector Unit

8195 1 75 \$8.55
8196 1 100 or 150 8.55

Includes reflector, porcelain socket and metal receptacle as shown.

8197 1 75 \$8.55
8198 1 100 or 150 8.55

Includes reflector, holder, porcelain socket and 3-inch or 4-inch standard outlet box cover

**No. 2512 Design—Wooden
Wall Urn for Indirect Lighting**

Wooden Box with Mitered Corners

Length 14 inches Depth 12 inches

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

†2511P 1 75 \$36.50
2511Z 1 100 or 150 36.50

Length 24 inches Depth 12 inches

†2512P 2 75 \$49.50
2512Z 2 100 or 150 49.50

Length 36 inches Depth 12 inches

†2513P 3 75 \$62.50
2513Z 3 100 or 150 62.50

14-inch box has one supporting bracket.
Fixture shows how flowers, vines or draperies
can be used for decorative effects.

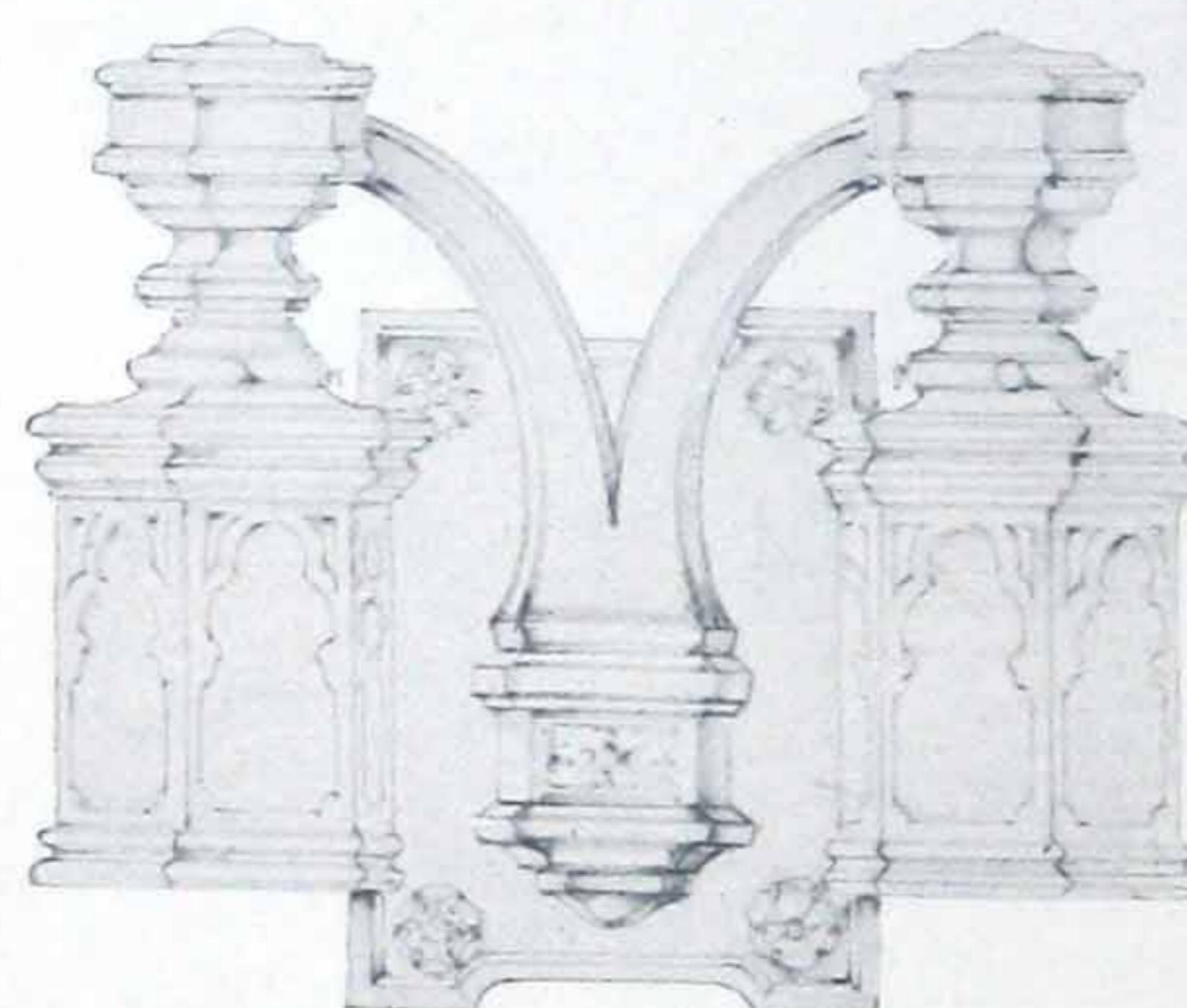
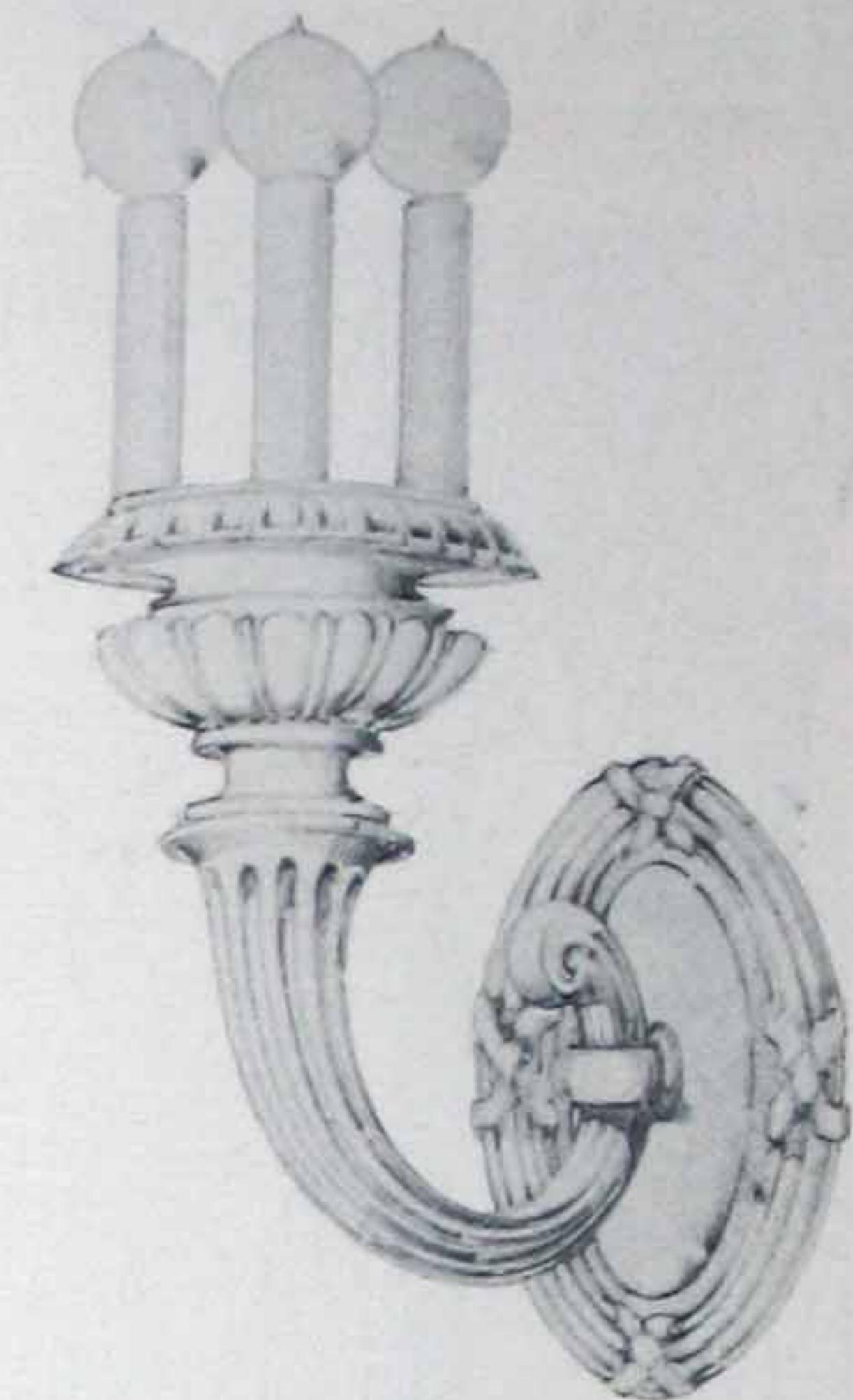
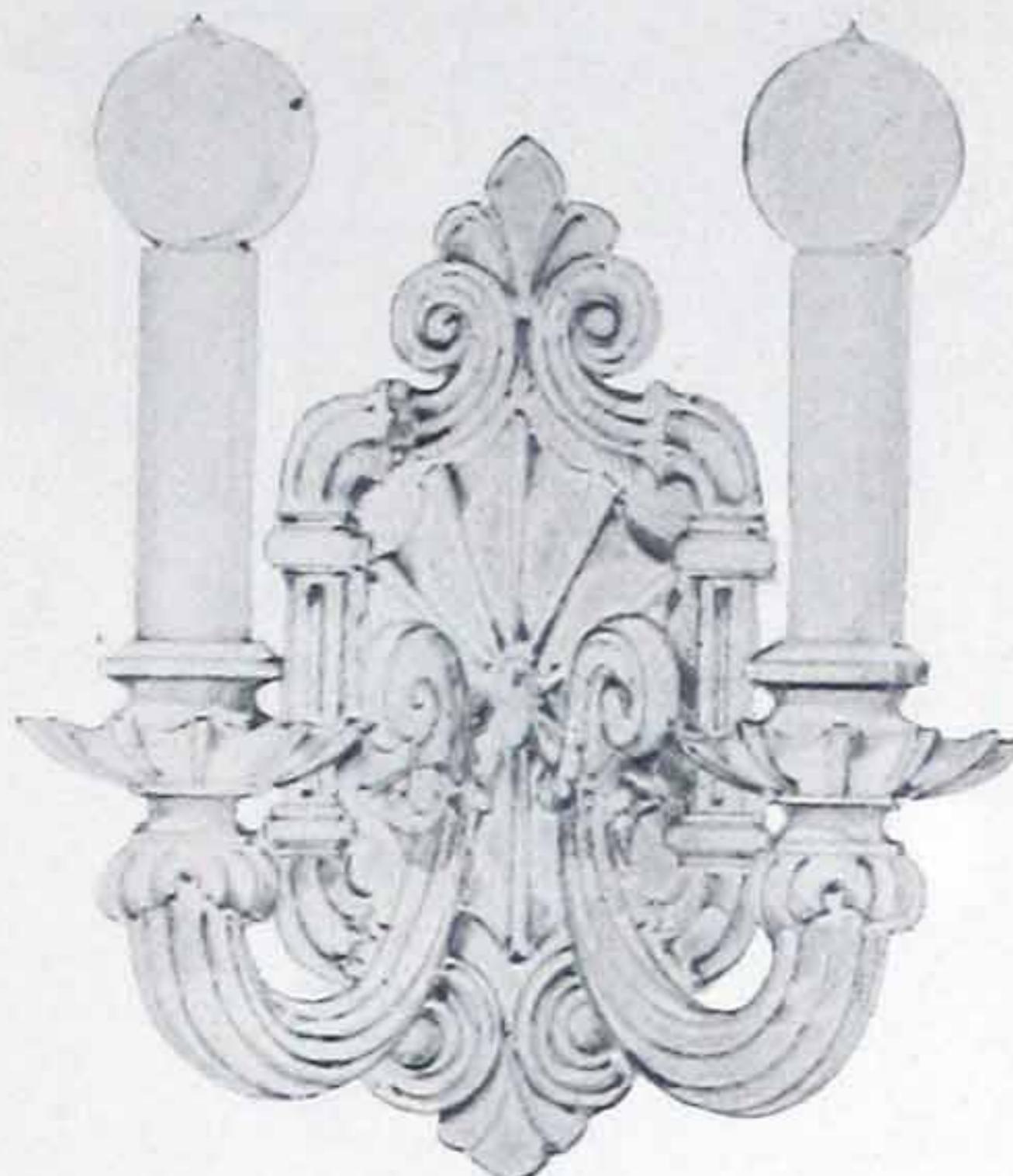
**No. 1761 Design—Compone
Wall Urn for Indirect Lighting**

Extends 11 1/4 inches Height 15 inches

Catalog No. of Type Size in Price
No. "C" Lamps Watts Each

†1761P 1 75 \$37.00

1761Z 1 100 or 150 37.00



No. 1439X

Size of Back Plate—5 x 10 inches
Furnished in any Compone Finish

No. of Lights	No. of Arms
1	1
2	2
3	3

Price upon application. Be sure and specify quantity needed.

Bracket designed to harmonize with Indirect Fixtures shown on pages 45 and 49.

No. 2201X

Size of Back Plate—6 x 8 inches
Spread 13 inches

Extends 7 inches

Opal Glass Shades

Furnished in any Compone Finish

No. of Lights	No. of Arms
2	2

Price upon application. Be sure and specify quantity needed.

Bracket designed for use with Indirect Fixtures shown on page 55.

No. 1900X

Size of Back Plate—6½ x 10 inches
Height 20 inches
Extends 12 inches
Furnished in any Compone Finish

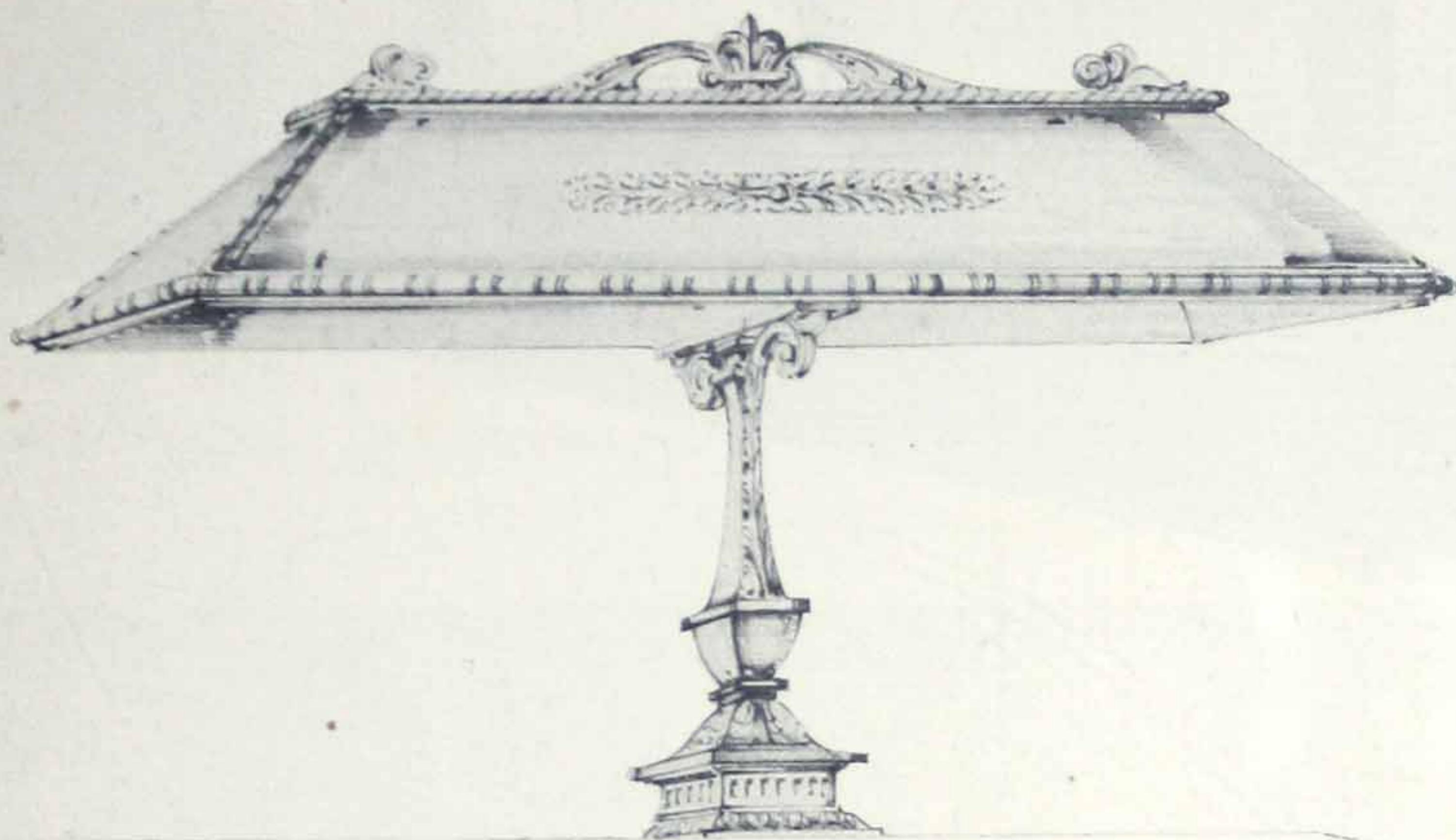
No. of Lights	No. of Arms
3	1

Price upon application. Be sure and specify quantity needed.

Bracket designed to harmonize with Nos. 454 and 3882 Indirect Fixtures shown on page 53.

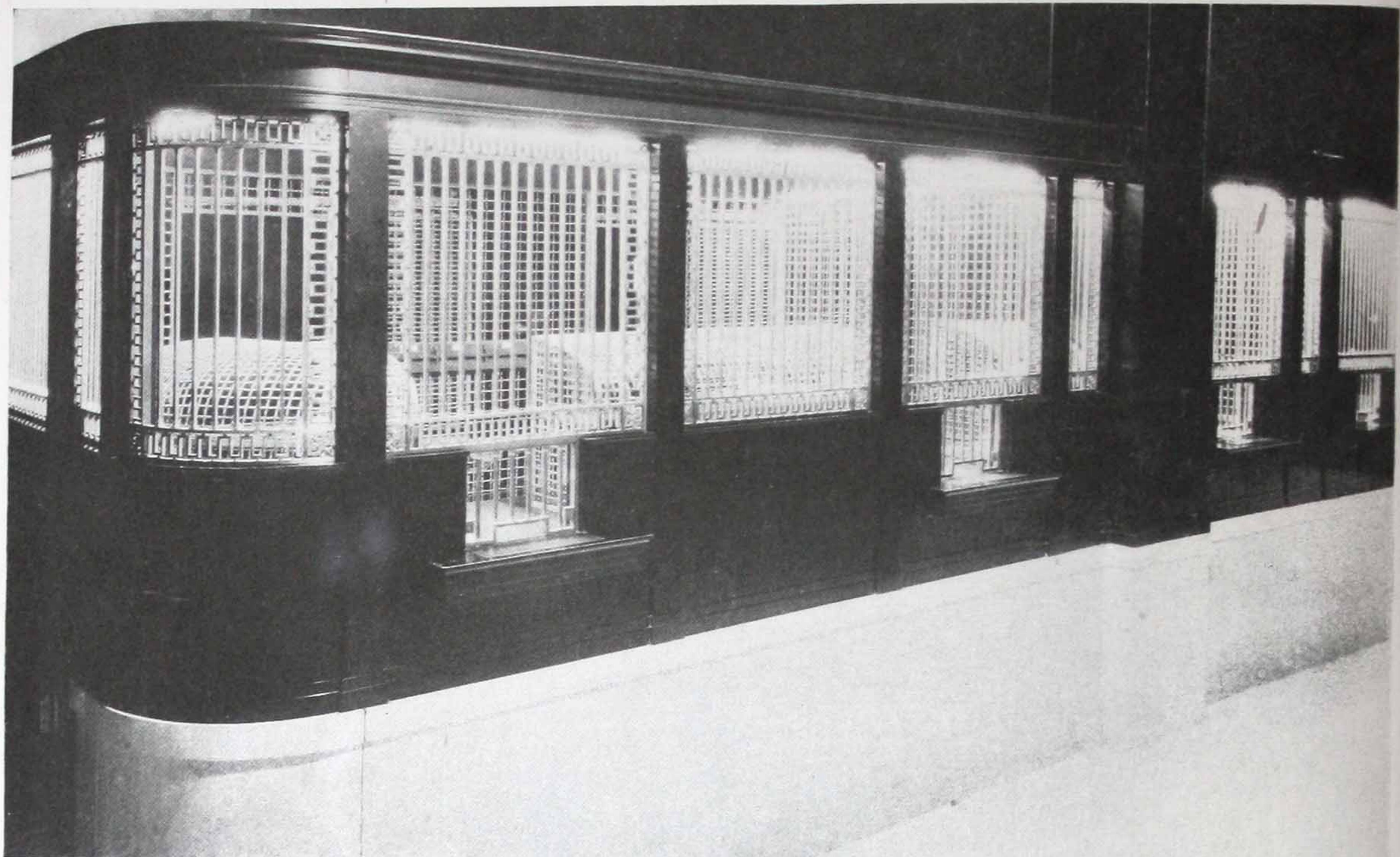
BANK DESK LIGHTING

SECTION SIX



are only a few of the
models designed by our designing

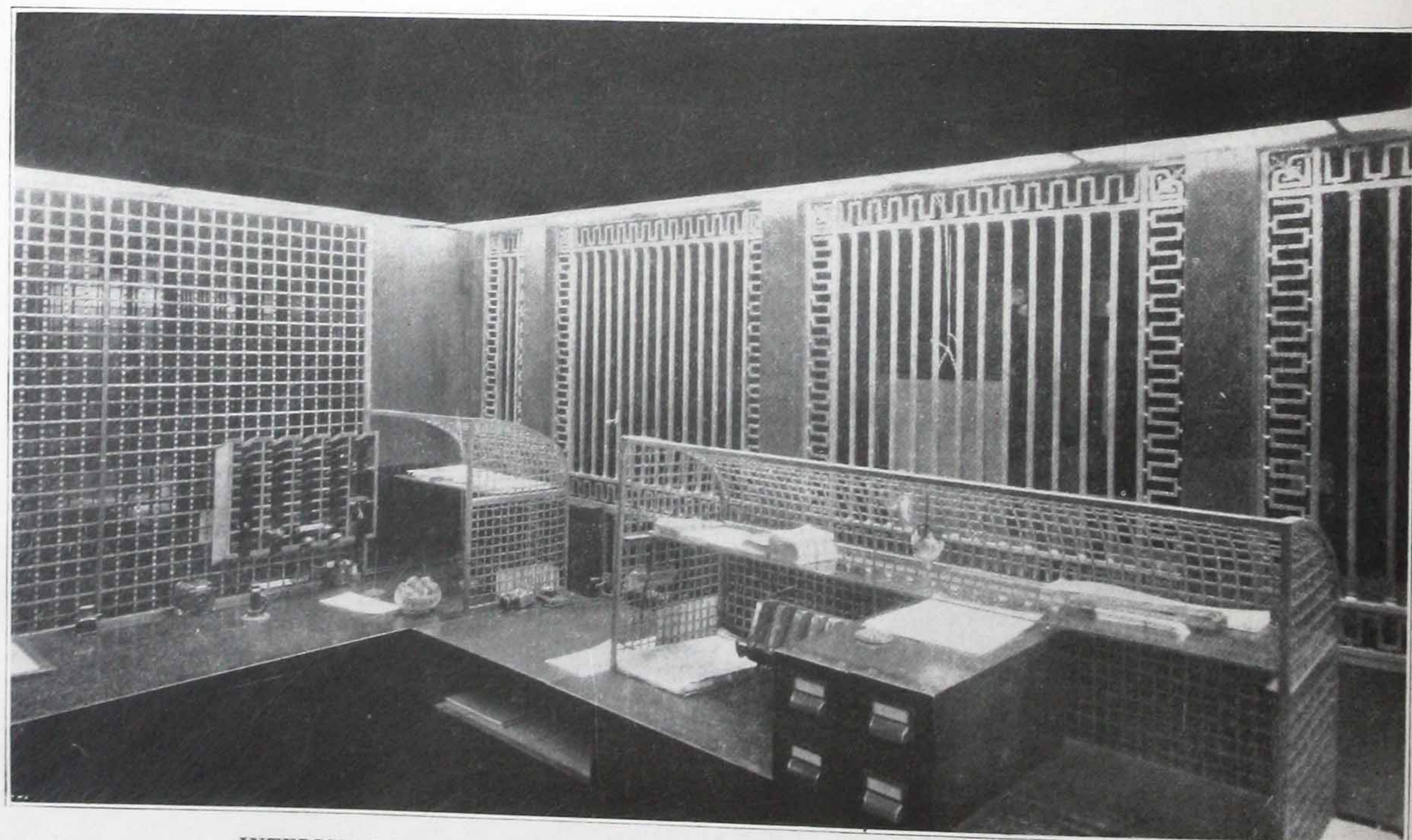
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Albert Pretzinger,
Edw. P. Musselman, } Architects
Dayton, Ohio

CITY TRUST & SAVINGS BANK
DAYTON, OHIO
EXTERIOR VIEW OF CAGE

Wm. P. Hall Electric Co.
Electrical Contractors,
Dayton, Ohio



INTERIOR OF SAME CAGE SHOWING X-RAY BANK DESK LIGHTING EQUIPMENT

X-Ray Bank Desk Lighting

A GREAT many banks require lighting inside the cages in addition to the general illumination received from the overhead lighting system. For this purpose, the equipment described in this section has been developed and perfected in conjunction with prominent bank architects.

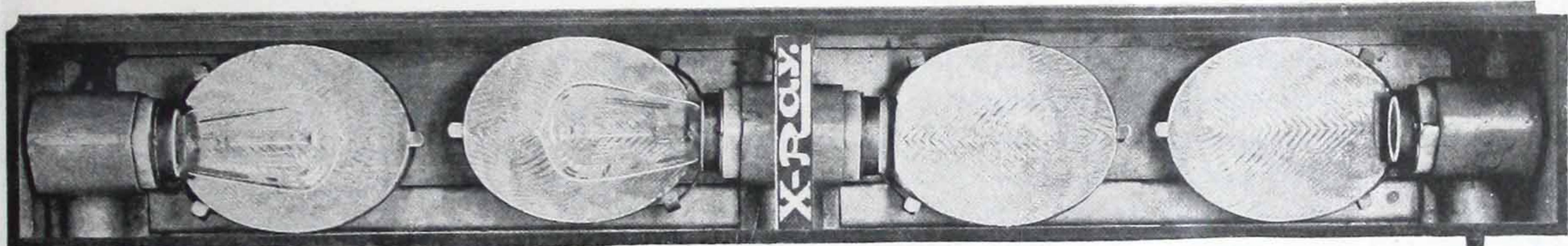
An individual X-Ray Reflector is used over each lamp. The high efficiency of this reflector makes possible the use of only 10 or 15 watt lamps as compared

to 25 watts used in other equipment. The lamps and interior equipment are concealed by prism plate glass at the bottom of the housing. This special glass diffuses the light, distributing the rays evenly on the desk below. It absorbs less light and is more easily cleaned than ordinary frosted glass.

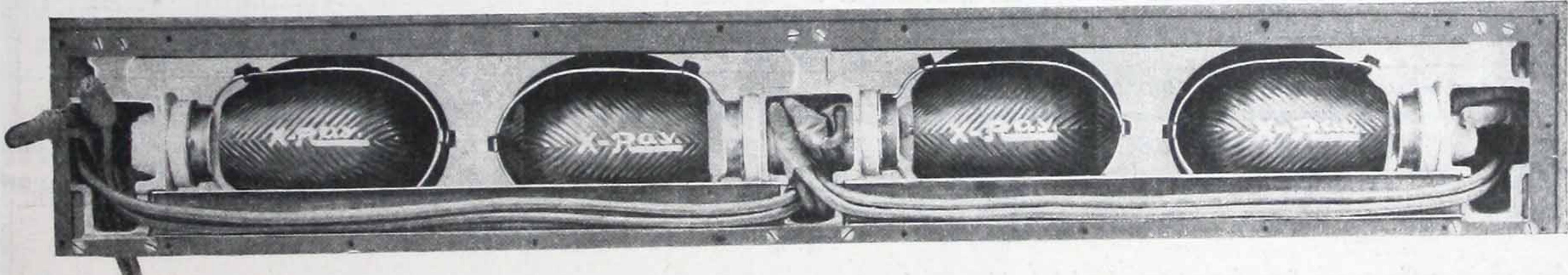
Excellent lighting results are produced in the most economical manner by using this highly efficient equipment.

ITS GOOD POINTS

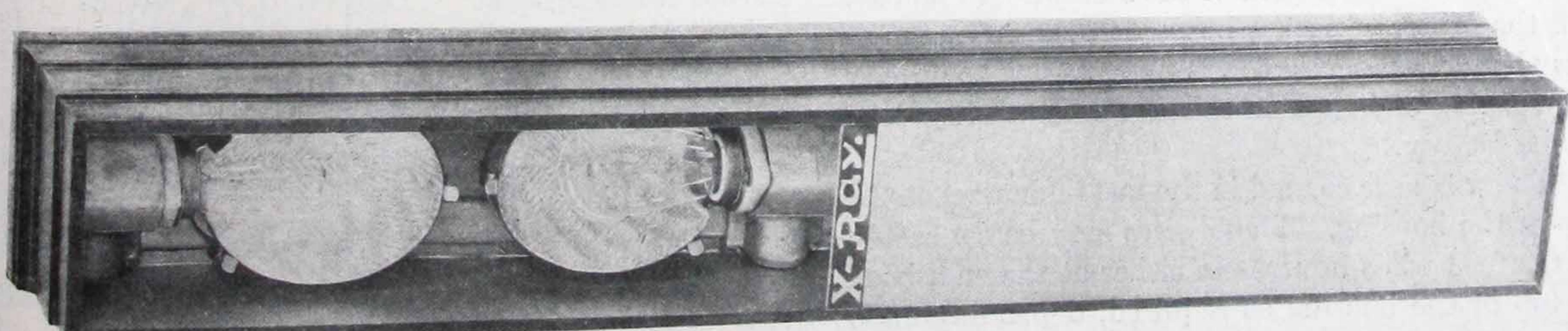
1. Most light for least money.
2. Uses standard lamps.
3. X-Ray reflectors make light distribution perfect.
4. Permanently efficient.
5. Easy to clean and maintain.
6. Compact and neat.
7. Simple to install.
8. Designed by X-Ray engineers—built with X-Ray thoroughness—gives X-Ray lighting satisfaction.



Bottom view of four light section, glass panels removed



Top view of section with cover removed showing wiring details



View of section from below, one glass panel removed

Construction--Installation

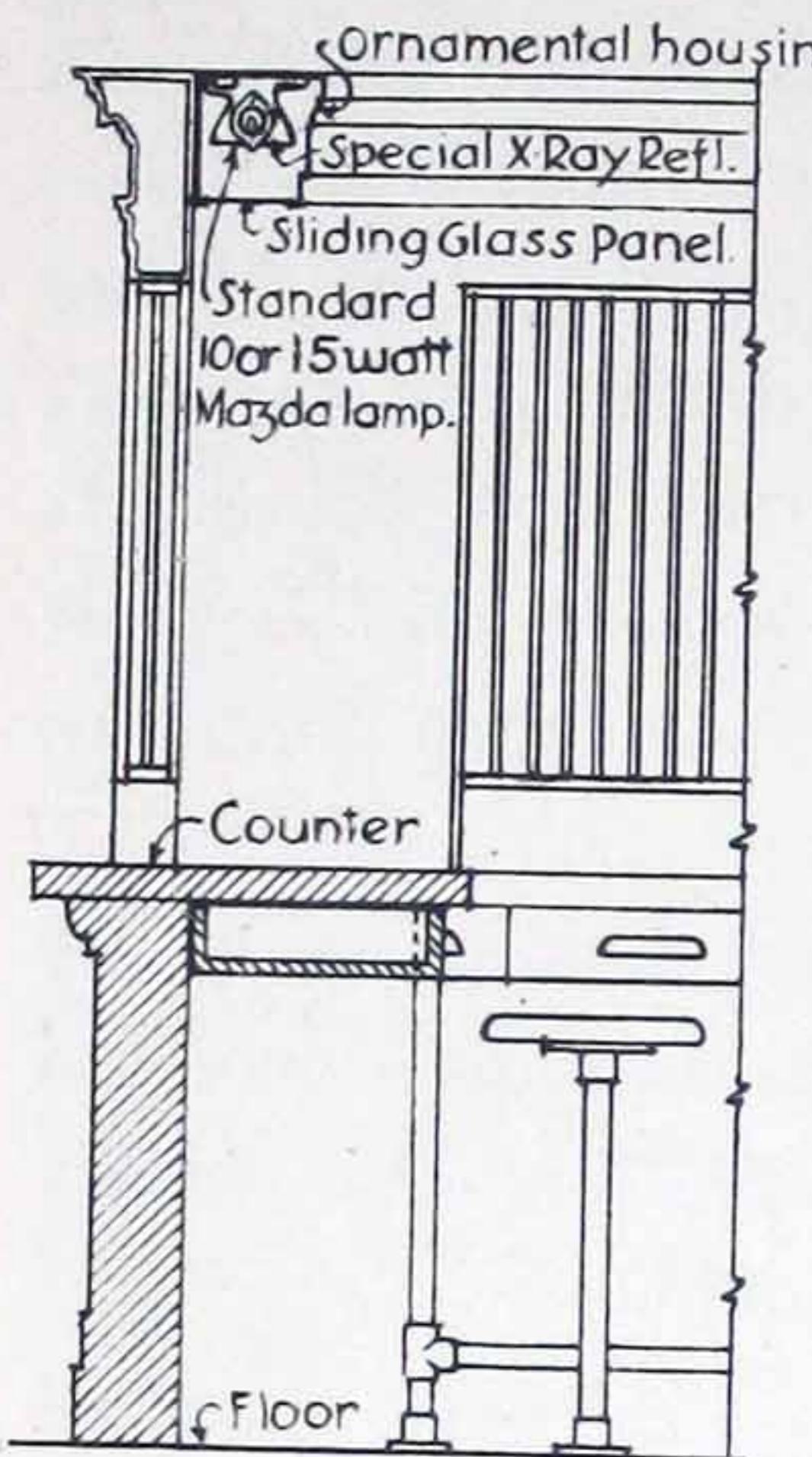


Fig. 1

THE housing, which contains the reflectors and other equipment, is made of heavy gauge steel having ornamental moulding for facings, with plain top and back. The same design of moulding may also be furnished in heavy gauge bronze. A cross section of the housing is shown in Figure 3.

The ends may be plain as shown by the heavy line or return as shown by the dotted line in Figure 2.

The return ends use the same moulding shown on the front and are especially desirable where the ends are exposed to the public. Mitres are required when connecting two sections to form an angle—such as an "L" or "T" section.

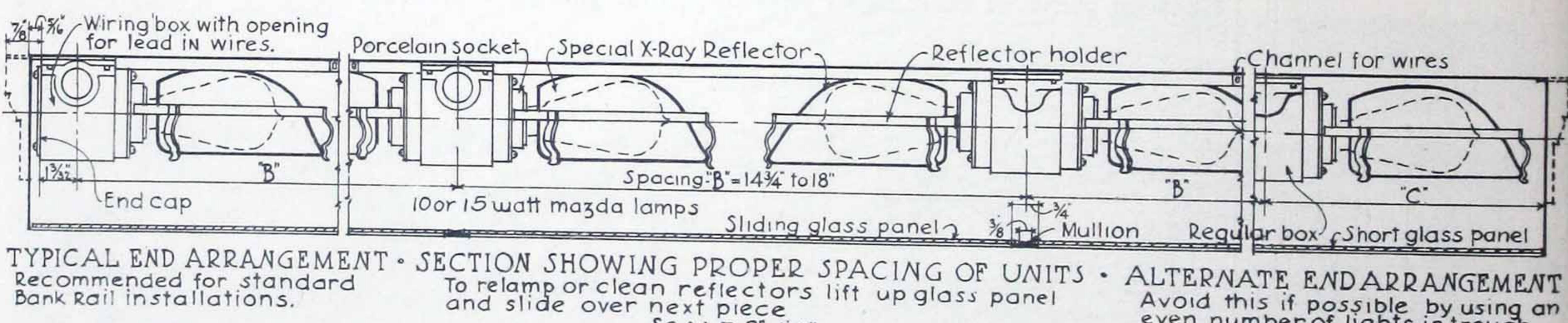
Sections are made straight or curved to fit the cornice or bank grill and may be supplied for wickets

The method of attaching this equipment inside the cage depends upon the type and design of cornice to which it is attached. It is necessary to determine this point for each particular installation.

The exterior of the housing may be finished to closely imitate the finish on the cornice, either wood or metal. Mahogany, oak, walnut, black, green, sprayed bronze paint and other finishes to match samples can easily be applied. The interior is finished in aluminum bronze paint.

All details of construction are carefully considered in the manufacture of this equipment, using the best of workmanship, materials and finishes. As is characteristic of all X-Ray Lighting, correct results are obtained at the least expenditure for electric current.

In ordering or requesting a quotation on this equipment, it is necessary to have plan of cages showing location at which it is required, also full size sectional drawing of cornice and cage partition. If plans are not available, state metal, length, style of end, number of mitres, number and radius of quarter circles, if any, and finish.



TYPICAL END ARRANGEMENT
Recommended for standard
Bank Rail installations.

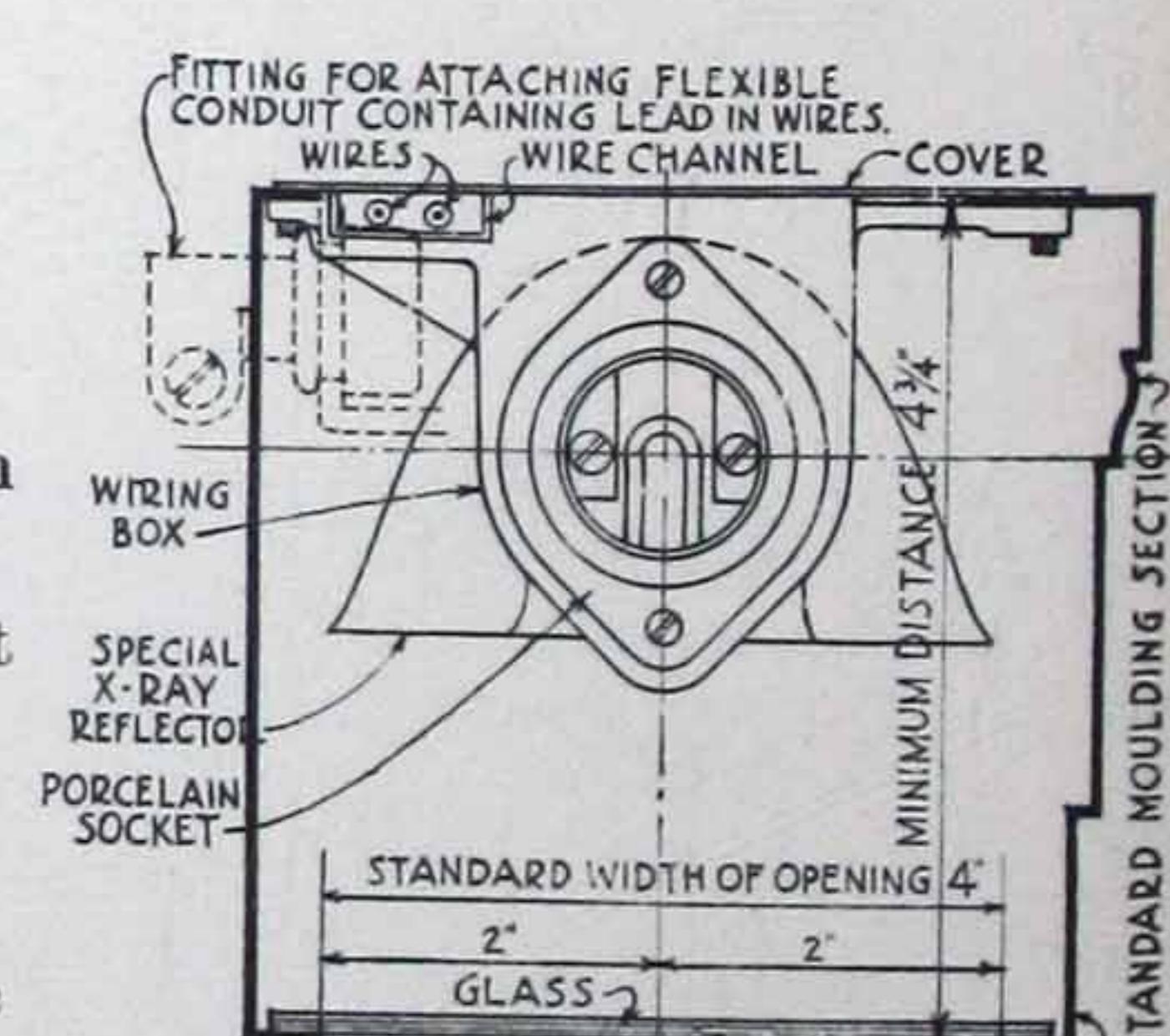
SECTION SHOWING PROPER SPACING OF UNITS
To relamp or clean reflectors lift up glass panel
and slide over next piece
SCALE 2'-10"

ALTERNATE END ARRANGEMENT
Avoid this if possible by using an
even number of lights in trough

Fig. 2

Standard Finishes For Steel.

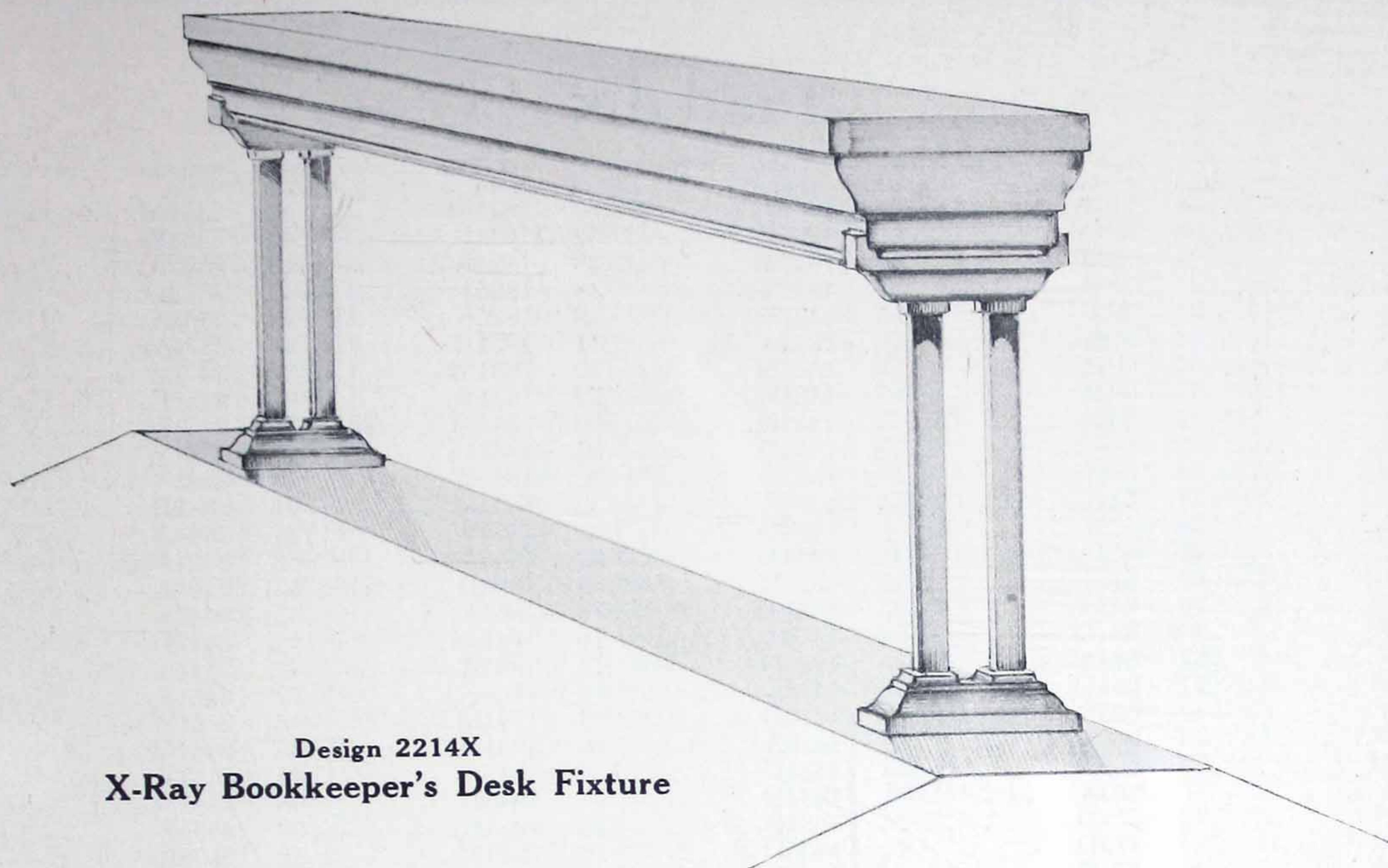
Finish No.	Description
B 502	Mahogany-light
B 503	Mahogany-medium
B 504	Oak
B 505	American Walnut
B 506	Verdi Green
B 507	Library Green
B 508	Dull Black
B 509	Brush Brass Bronze
B 510	Gold Bronze
B 511	Natural Bronze



SECTION THRU. LIGHTING TROUGH

Fig. 3

Special finishes to match samples at slightly additional cost.

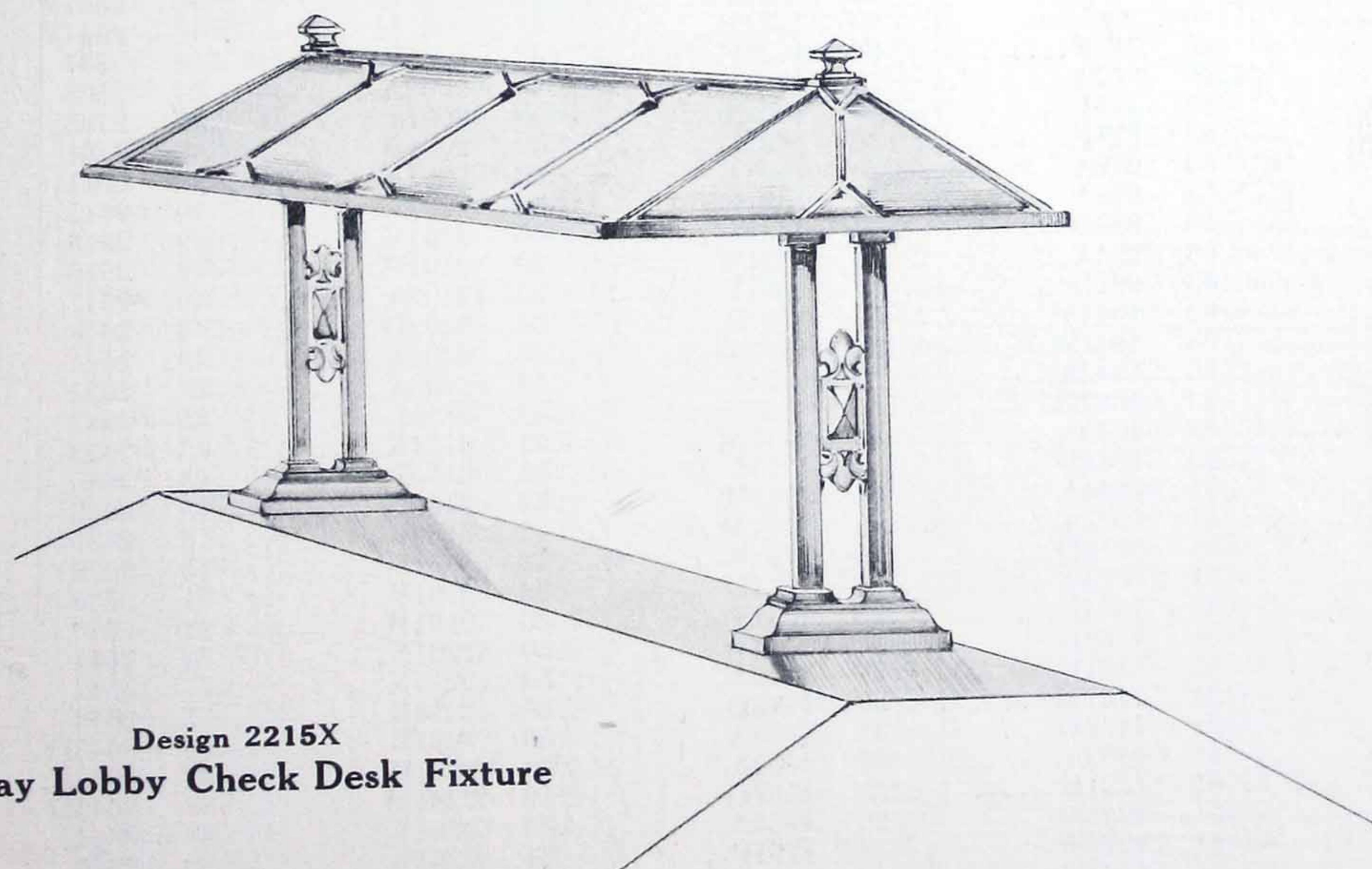


Design 2214X
X-Ray Bookkeeper's Desk Fixture

A fixture for lighting double or single desks to a strong, uniform intensity using small standard lamps with X-Ray Reflectors. The lamps are placed as close as practical, depending upon the length of section.

The housing is made of steel, 3 inches high, $5\frac{1}{8}$ inches wide and may be finished in mahogany, oak, sprayed bronze or any other paint finish. The housing may also be supplied in genuine bronze in natural finish.

In ordering or requesting a quotation state metal, finish, overall length in inches, exact distance between centers of supports. Prices on application.



Design 2215X
X-Ray Lobby Check Desk Fixture

A fixture designed especially for bank lobby check desks. The top is 10 inches wide and 4 inches high. The overall height is $15\frac{1}{2}$ inches. The metal is brass which is finished brush bronze as standard, although it may be supplied in other finishes. The panels in the top are made of amber tinted art glass. Pull chain brass sockets are furnished.

In ordering or requesting a quotation state finish, overall length in inches and distance between centers of supports. Prices on application.

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73A	34	595J	55	1321W	38	1825K	49	2363A	35
83A	34	595K	55	1332A	41	1831E	39	2371M	42
83D	34	601E	55	1351M	52	1831M	39	2371W	42
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151W	40	643D	53	1413A	16	1891M	21	2442D	24
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181W	37	644D	53	1414A	16	1900X	72	2461V	20
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375K	46	934A	52	1521M	23	2021M	51	2513P	71
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383L	46	941W	41	1581V	23	2031E	16	2541M	51
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385L	46	962A	36	1621W	48	2052A	24	2567	66
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451M	53	984D	41	1661V	23	2102A	49	2616	62
454J	53	1041M	54	1661W	23	2102D	49	2617	65
454K	53	1041W	54	1691M	23	2103A	49	2618	65
455J	53	1042A	54	1691V	42	2133A	13	2621	66
463L	53	1042D	54	1691W	42	2154J	45	2622	66
464L	53	1043A	54	1711M	42	2154K	45	2632	64
465L	53	1043D	54	1711V	42	2155J	45	2633	64
521M	51	1044A	54	1711W	42	2155K	45	2635	65
521W	51	1073A	35	1721M	42	2161V	15	2636	65
523D	51	1073D	35	1721W	42	2161W	15	2637	65
524A	51	1074A	35	1741D	50	2191V	21	2638	63
524D	51	1074D	35	1741V	50	2191W	21	2639	62
525A	51	1161D	37	1741W	50	2201X	72	2640	62
531E	51	1161F	37	1742A	50	2214X	77	2641	63
531M	51	1161M	37	1742D	50	2215X	77	2642	63
534J	51	1161W	37	1743A	50	2271V	38	2643	64
534K	51	1162A	37	1752A	19	2271W	38	2643D	12
535J	51	1221E	39	1752D	19	2281M	38	2643F	12
535K	51	1221M	39	1753A	19	2281V	38	2646D	12
541E	51	1221W	39	1761P	71	2281W	38	2644	64
545K	51	1301E	52	1761Z	71	2311M	21	2645	63
546K	51	1304J	52	1801E	40	2311W	21	2646	63
571J	55	1304K	52	1801M	40	2342A	41	2652A	12
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2883K	70	3374L	49	3694A	30	4163D	50		
2884K	70	3375L	49	3694D	30	4164D	50		

Books About Lighting

As originators and perfectors of modern methods in lighting, the research work of our Engineering Department and the rapid spread of concealed lighting methods makes necessary the publication of authoritative data in book form to guide architects, engineers and contractors in planning and installing modern lighting and also to standardize methods. Many are gladly sent free, others are very elaborate and are published for certain classes of professional men.

Books on Indirect Lighting

Single Copies Free on Request

How to Know and Have Good Lighting—(*Serial No. 124.*) Dedicated to all those who realize the need of good lighting. Contains impressive illustrations and convincing descriptions which make it the handsomest book ever published in the lighting field.

Office and Bank Lighting—(*Serial No. 134.*) Illustrating the efficient lighting of the most modern interiors in these classes and showing the system in use by the biggest business houses and banks in the world.

Church Illumination—(*Serial No. 125.*) The scientific illumination of the house of worship, and the influence of good lighting on attendance.

The Logical Light for the Hospital—(*Serial No. 133.*) Common-sense talk on a vitally important subject. Copiously illustrated with pictures of hospitals which have adopted the X-Ray Indirect Lighting System.

Schools and Colleges—(*Serial No. 135.*) A comprehensive booklet, well illustrated, covering a hitherto neglected lighting subject.

Books on Direct Lighting

Standard Show-Window Reflectors—(*Serial No. 123.*) The only authoritative book published covering this important field of illumination—store windows.

X-Ray Flood Lighting—(*Serial No. 119.*) For protective lighting, every X-Ray projector properly installed, releases a man for other service—also one of the latest forms of beautifying or advertising buildings, monuments, signs, etc., after dark—for lighting night work, etc.

Show-Case Lighting—(*Serial No. 129.*) The X-Ray Scoopette, described in this book, has made show-case lighting so inexpensive that every merchant may have the sales benefit of well lighted cases.

X-Ray Industrial Lighting—(*Serial No. 108.*) Descriptive of modern and efficient methods of industrial illumination.

Catalogue No. 20 Jr.—(*Serial No. 282.*) Containing prices on all X-Ray Direct Lighting Reflectors.

